

Contact strips are used to close and shield gaps between two surfaces. For optimum shielding performance, the contact strip should be able to close the minimal and maximal gap.



Contact springs are made of **copper-beryllium (CuBe)** or stainless steel. Copper-beryllium is a material that offers **excellent spring characteristics** in combination with a **high material strength**. Further advantages are **corrosion resistance** and self cleaning of contacts by opening and closing. Copper-beryllium is resistant against air, ozone, solvent, UV light and even against nuclear radiation. It can be used over a **wide temperature range** and shows **excellent thermal and electric conductivity**. In comparison to other EMI/RFI gaskets, contact strips are lighter and require less closing force. They are also inflammable and free from outgassing.



The **wide profile range** in combination with several mounting methods creates an universal shielding gasket. The easiest mounting methods are **clip-on** and the type using a **double sided pressure sensitive adhesive tape**.

Soldering or spot welding ensure very good grounding and contact. Generally the **electrochemical reaction** should be considered to avoid galvanic corrosion. In many cases it is recommended to use special surface treatment (i.e. tin plating).

As standard contact strips are supplied in **bright clean surface (copper)**. On request a surface finish like tin plating, zinc plating, nickel plating, silver plating, gold plating etc. can be applied.

When using the correct compression force the contacts will not be damaged and thereby maintain their excellent spring characteristic.



**Please note:**

Contact strips can be **cut to length** on customer request. A cut can only be done in the gap between the fingers.

Due to manufacturing tolerances it is recommended to state the number of fingers rather than a given length.

Our **standard program** already offers a **huge variety** of contact strips. Of course we can also supply **customized or modified standard contact strips**. Based on a drawing or sketch and a description about the installation situation we quote a matching contact spring.

**Surface material:**

- blank..... BL
- gold plated ..... AU
- silver plated ..... AG
- tin matt ..... SN
- tin bright ..... BSN
- nickel matt..... NI
- nickel bright..... BNI
- clear chromate zinc plating ... ZN

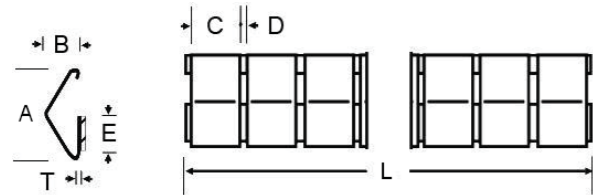
**Our contact springs offer the following advantages:**

- Different surfaces available  
(e. g. blank, gold plated, silver plated, nickel plated, tin plated, zinc plated)
- Custom length available

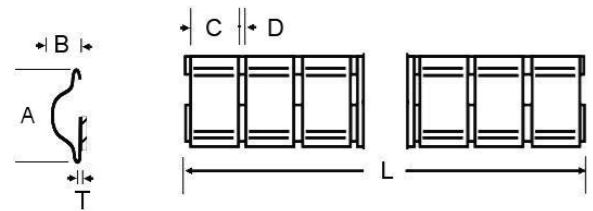
Other dimensions on request

**Stick-on**

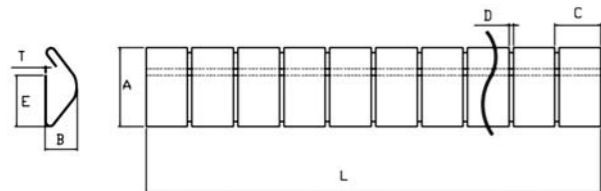
Contact springs with adhesive tape



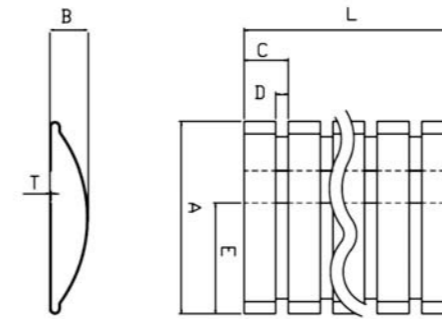
FCB	A	B	C	D	E	T	L
FCB-301	8,80	2,80	4,30	0,50	5,30	0,05	408
FCB-302	9,40	3,30	5,70	0,60	5,30	0,05	405,8/409
FCB-303	15,20	5,70	8,70	0,80	7,20	0,08/0,05	608
FCB-304	19,80	8,10	8,70	0,10	11,20	0,10	455
FCB-305	27,90	10,40	11,72	1,00	20,40	0,10	455
FCB-351	9,40	3,30	6,35	0,62	5,33	0,05	any



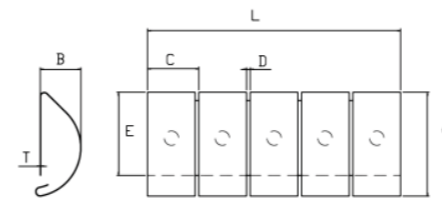
FCB	A	B	C	D	T	L
FCB-311	8,10	2,50	4,30	0,50	0,09	408
FCB-312	9,40	3,30	5,70	0,60	0,09	406
FCB-313	15,20	5,60	3,90	0,80	0,09	455
FCB-314	15,20	5,60	8,70	0,80	0,09	456



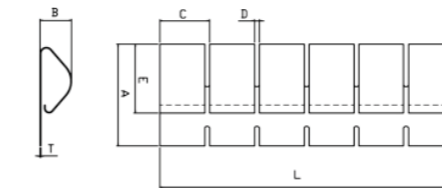
FCB	A	B	C	D	E	T	L
FCB-341	8,10	2,80	4,70	0,46	5,30	0,05	any
FCB-342	15,20	5,60	9,50	0,80	7,10	0,08	any



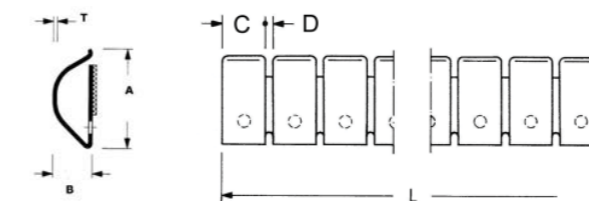
FCB	A	B	C	D	E	T	L
FCB-361	15,21	3,09	3,18	0,64	8,30	0,08	any
FCB-362	15,20	3,70	3,18	0,64	8,30	0,08	any
FCB-822	11,40	2,00	3,18	2,54		0,06	406



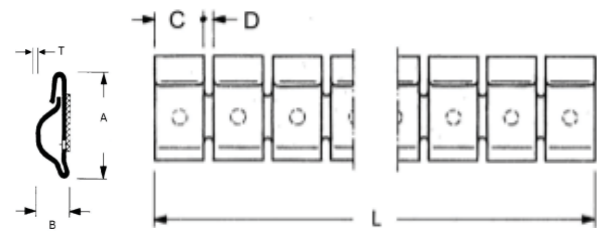
FCB	A	B	C	D	E	T	L
FCB-371	25,90	10,10	12,72	1,00	20,40	0,08	any



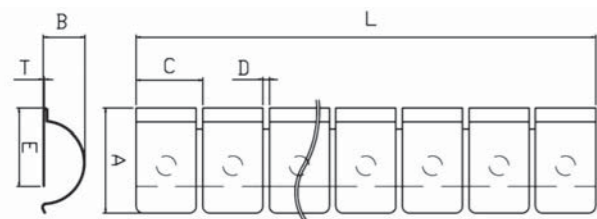
FCB	A	B	C	D	E	T	L
FCB-381	12,70	3,30	6,50	0,50	8,72	0,08	any



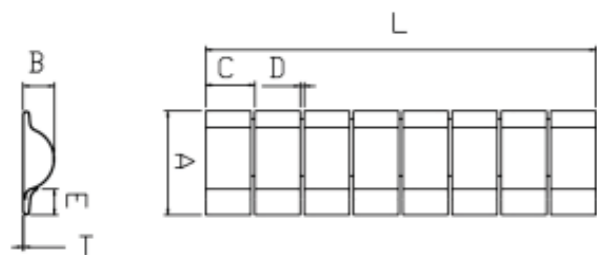
FCB	A	B	C	D	E	T	L
FCB-401	7,10	2,80	4,32	0,46		0,08	406,40
FCB-402	9,00	4,40	5,79	0,56		0,08	406
FCB-403	14,50	5,60	8,72	0,56		0,09	609
FCB-404	19,30	6,40	8,51	1,02		0,13	608
FCB-405	29,70	12,30	11,68	1,02		0,18	304
FCB-423	15,20	5,80	9,53	0,81	12,70	0,10	409



FCB	A	B	C	D	T	L
FCB-411	6,40	2,40	4,32	0,46	0,06	406
FCB-412	9,70	3,20	4,32	0,46	0,07	406
FCB-413	13,00	3,80	5,79	0,56	0,08	406
FCB-414	19,30	5,80	8,72	0,81	0,10	608



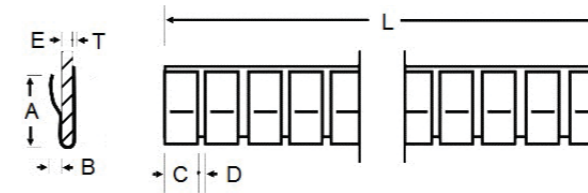
FCB	A	B	C	D	E	T	L
FCB-421	7,10	2,80	4,78	0,46	5,80	0,08	any
FCB-412	9,40	3,60	6,35	0,56	7,90	0,08	any
FCB-857	9,70	3,60	5,79	0,56		0,08	406



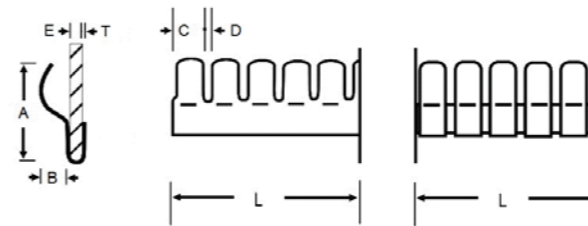
FCB	A	B	C	D	E	T	L
FCB-431	13,00	3,60	6,35	0,56	3,30	0,08	any
FCB-432	19,30	5,80	9,53	0,81	3,38	0,10	any
FCB-441	20,00	7,00	9,40	1,00		0,08	any

**Clip-on**

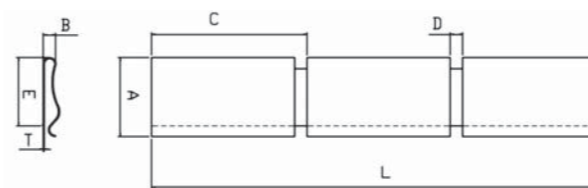
Contact springs to clip on



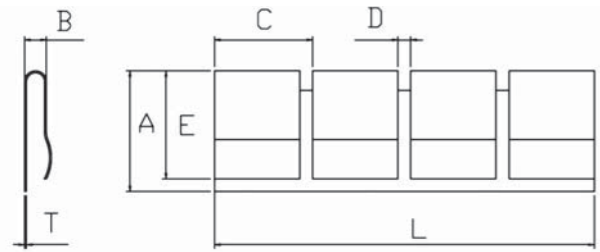
FCB	A	B	C	D	E	T	L
FCB-101	6,70	1,60	5,50	0,82	0,80	0,15	409



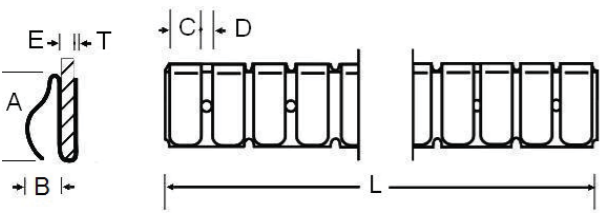
FCB	A	B	C	D	E	T	L
FCB-111	8,00	2,90	3,60	1,20	0,80	0,127	407
FCB-112	8,00	2,90	3,60	1,20	1,00	0,127	407
FCB-113	8,00	2,90	3,60	1,20	1,50	0,127	407
FCB-121	10,80	3,50	3,60	1,20	0,80	0,127	407
FCB-122	10,80	3,50	3,60	1,20	1,00	0,127	407
FCB-123	10,80	3,50	3,60	1,20	1,50	0,127	407
FCB-131	11,40	2,50	3,60	1,20	1,75	0,08	407
FCB-151	14,65	4,20	3,60	1,20	0,80	0,127	407
FCB-152	13,95	4,20	3,60	1,20	1,00	0,127	407
FCB-153	14,10	4,20	3,60	1,20	1,50	0,127	407
FCB-176	7,80	3,30	4,62	1,18		0,10	406



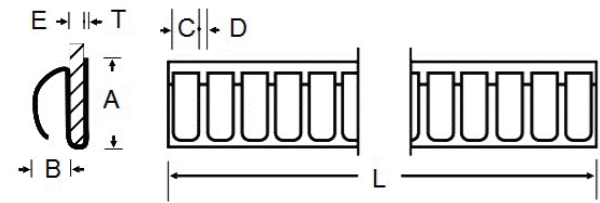
FCB	A	B	C	D	E	T	L
FCB-161	6,33	1,45	13,84	1,14	6,05	0,10	406



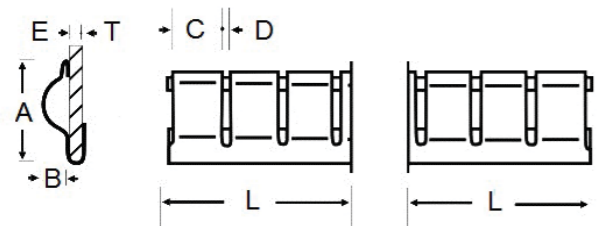
FCB	A	B	C	D	E	T	L
FCB-166	6,40	1,80	5,10	0,76	5,40	0,08	any



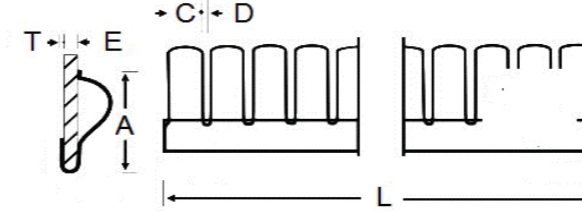
FCB	A	B	C	D	E	T	L
FCB-201	9,50	5,20	5,32	1,04	1,50	0,127	406



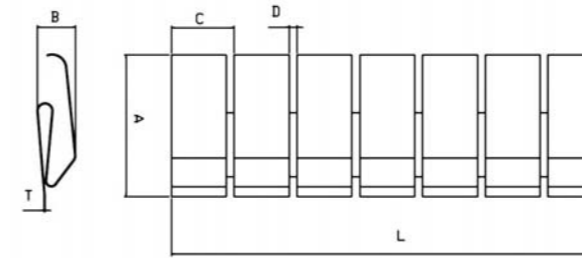
FCB	A	B	C	D	E	T	L
FCB-211	8,10	6,50	3,20	1,55	2,00	0,127	405
FCB-212	8,10	6,50	8,00	1,55	2,00	0,127	405



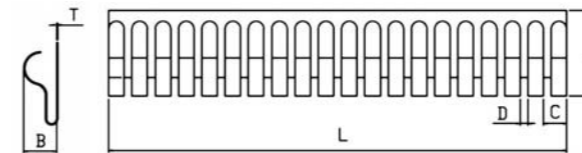
FCB	A	B	C	D	E	T	L
FCB-221	10,70	3,00	5,70	0,60	1,25	0,09	406
FCB-222	10,70	3,00	5,70	0,60	1,50	0,05	406
FCB-231	16,25	5,40	8,70	0,80	1,50	0,09	457



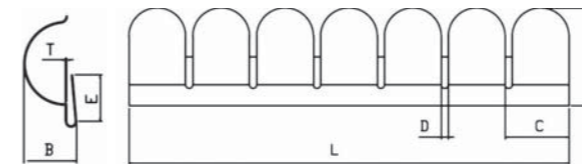
FCB	A	C	D	E	T	L
FCB-251	28,00	8,50	1,00	2,00	0,13	494



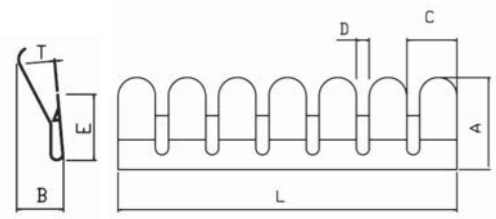
FCB	A	B	C	D	T	L
FCB-601	13,82	6,35	6,35	0,76	0,13	any



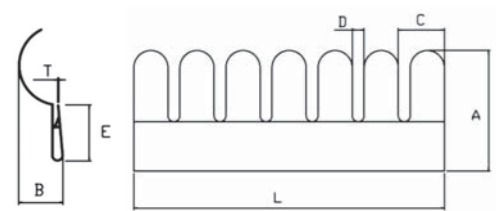
FCB	A	B	C	D	E	T	L
FCB-171	6,90	2,80	1,91	0,64	5,60	0,15	any



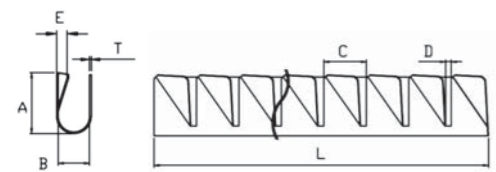
FCB	A	B	C	D	E	T	L
FCB-181	6,20	3,00	6,32	0,72	4,70	0,10	any



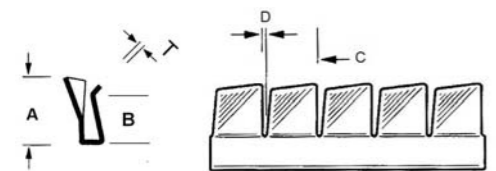
FCB	A	B	C	D	E	T	L
FCB-186	8,50	3,50	4,66	1,20	5,00	0,10	any



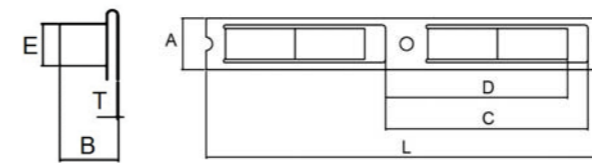
FCB	A	B	C	D	E	T	L
FCB-187	12,05	3,90	4,75	1,19	5,00	0,10	any



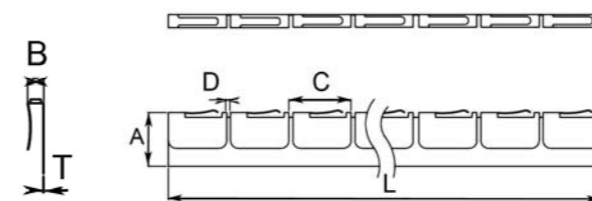
FCB	A	B	C	D	E	T	L
FCB-581	5,33	1,78	4,19	0,38	1,78	0,08	any



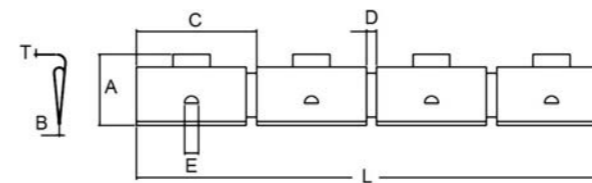
FCB	A	B	C	D	T	L	
FCB-531	3,80	1,00	2,00	0,40	0,076	406	available with lances
FCB-532	3,80	1,50	2,00	0,40	0,076	406	available with lances
FCB-533	4,10	1,00	2,00	0,40	0,076	406	
FCB-534	4,10	1,50	2,00	0,40	0,076	406	
FCB-535	5,80	1,00	2,00	0,40	0,076	406	
FCB-536	5,80	1,50	2,00	0,40	0,076	406	



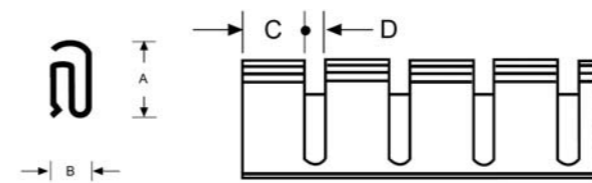
FCB	A	B	C	D	E	T	L
FCB-291	7,49	6,24	29,20	26,30	4,44	0,13	any



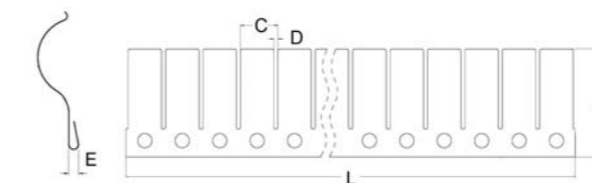
FCB	A	B	C	D	T	L
FCB-296	4,64	1,62	7,62	0,51	0,080	any



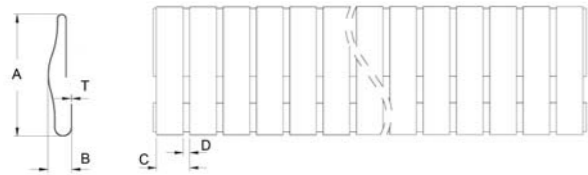
FCB	A	B	C	D	E	T	L
FCB-602	7,75	0,25	13,84	1,14	2,03	0,10	any



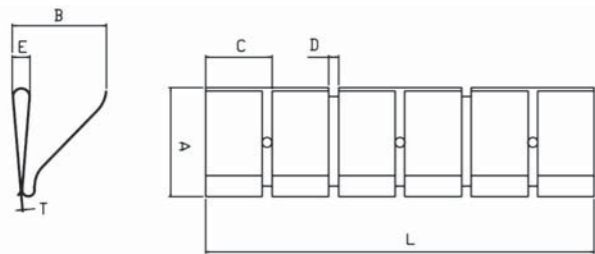
FCB	A	B	C	D	L
FCB-603	4,70	2,60	3,00	1,00	239



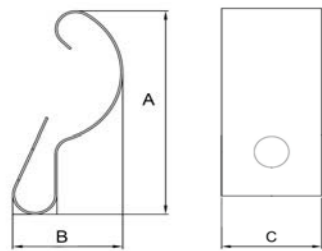
FCB	A	C	D	E	L
FCB-818	27,18	9,53	1,02	1,65	406



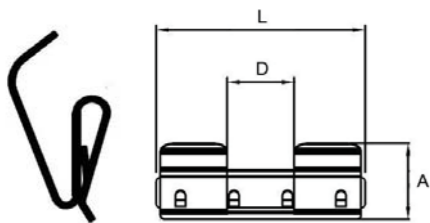
FCB	A	B	C	D	T	L
FCB-821	11,40	2,00	3,18	0,64	0,07	406



FCB	A	B	C	D	E	T	L
FCB-261	9,70	8,30	6,35	1,02	1,60	0,18	any



FCB	A	B	C
FCB-843	9,09	4,42	4,32



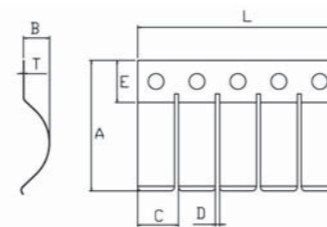
FCB	A	D	T	L
FCB-863	9,07	8,00	0,15	25

**Special Mounting**

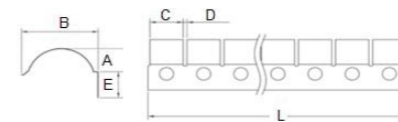
Contact springs to screw, to solder and to clinch



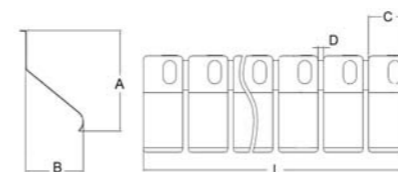
FCB	A	B	C	D	T	L
FCB-391	5,80	5,10	3,40	1,02	0,25	any



FCB	A	B	C	D	E	T	L
FCB-801	27,70	6,40	9,53	1,02	6,00	0,08	any
FCB-802	41,40	10,40	12,70	1,02	8,00	0,18	any
FCB-803	41,40	10,40	12,70	1,02			406
FCB-819	27,70	6,40	9,53	1,02			406
FCB-832	42,27	11,50	11,50	1,02		0,10	406



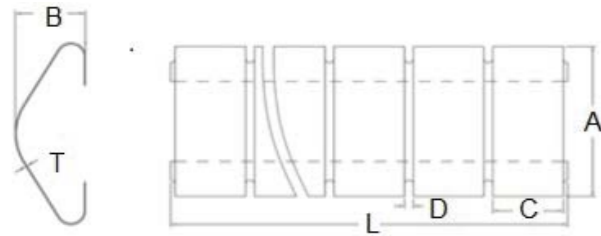
FCB	A	B	C	D	E	T	L
FCB-811	6,98	20,93	8,51	1,00	7,60	0,08	any
FCB-812	29,42	28,70	11,68	1,02	19,05	0,18	406
FCB-815	11,00	9,40	5,80	0,60		0,08	406
FCB-816	6,70	18,69	8,51		8,70	0,127	406
FCB-823	2,80	7,10	4,78	0,46	5,70	0,08	406
FCB-824	10,75	28,70	12,70	1,02	19,05	0,18	406
FCB-847	11,23	9,40	5,79	0,56		0,08	406
FCB-868		9,40	5,79	0,56		0,08	any



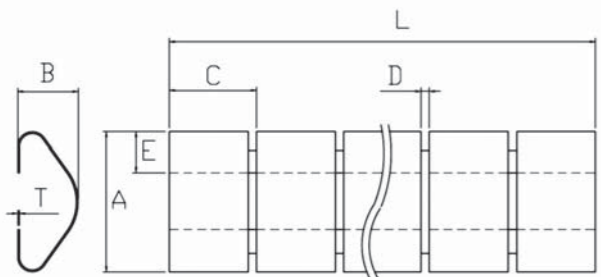
FCB	A	B	C	D	L
FCB-835	24,79	14,60	10,50	1,50	406
FCB-856	15,10	6,60	8,95		8,95

**Snap-in**

Contact springs to slide on (two legs)

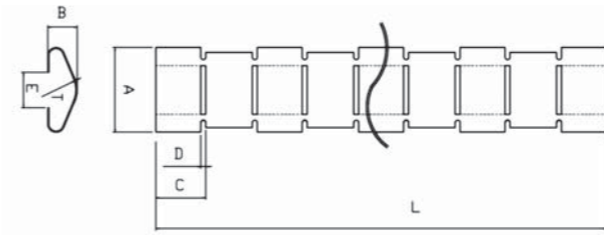


FCB	A	B	C	D	T	L
FCB-721	20,30	8,10	9,52	0,81	0,08	0,9 (one finger)
FCB-748	15,24	5,59	6,35	0,81	0,13	any
FCB-871	11,00	3,88	5,30	0,70	0,07	any

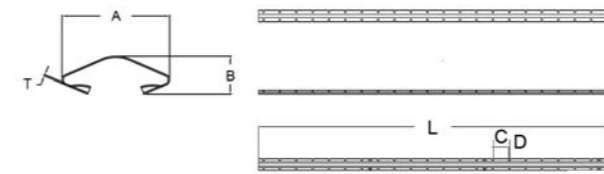


FCB	A	B	C	D	E	T	L
FCB-732	7,60	3,30	4,75	0,43	2,10	0,08	any
FCB-736	8,13	2,79	4,75	0,46	2,16	0,08	any
FCB-739	9,40	3,30	6,35	0,63	2,16	0,08	any
FCB-761	7,87	3,05	6,35	0,50	2,28	0,08	any
FCB-762	8,90	2,80	4,75	0,46	3,40	0,08	any
FCB-763	8,90	3,20	4,75	0,46	3,20	0,08	any
FCB-771	8,25	2,57	4,75	0,46	2,16	0,05	any
FCB-781	5,00	2,00	3,20	0,50	1,60	0,08	any
FCB-827	15,24	5,59	6,35	0,81	3,56	0,13	406
FCB-828	9,40	3,60	4,50	0,70			406

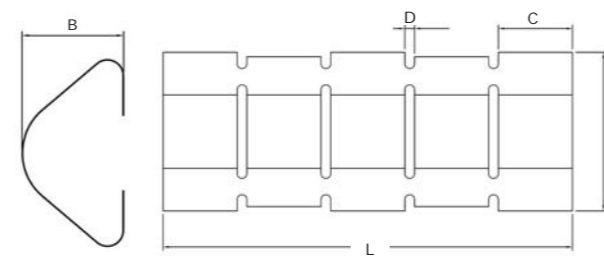
**Contact Springs**



FCB	A	B	C	D	E	T	L
FCB-791	8,13	2,80	4,75	0,46	4,10	0,08	any
FCB-792	9,40	3,30	4,76	0,45		0,08	any
FCB-867	9,40	3,60	5,20	0,70		0,08	any
FCB-870	15,24	5,59	7,16	0,81	8,24	0,08	any

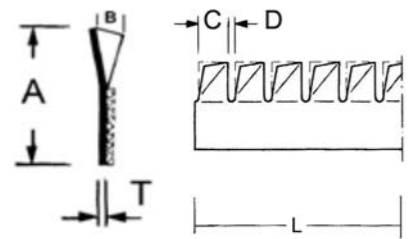


FCB	A	B	C	D	T	L
FCB-846	4,70	1,65	6,50	6,03	0,06	138,06

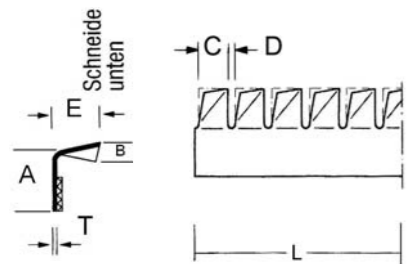


FCB	A	B	C	D	L
FCB-858	14,00	7,50	6,50	0,85	35,90

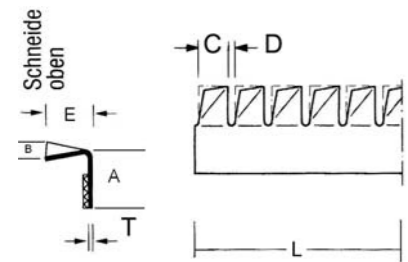
**Twisted contact**



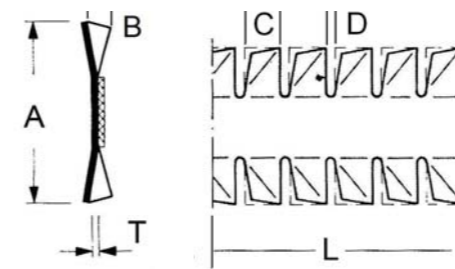
FCB	A	B	C	D	T	L
FCB-504	8,64	1,90	3,80	0,39	0,080	any
FCB-571	5,90	0,80	2,41	0,38	0,080	any



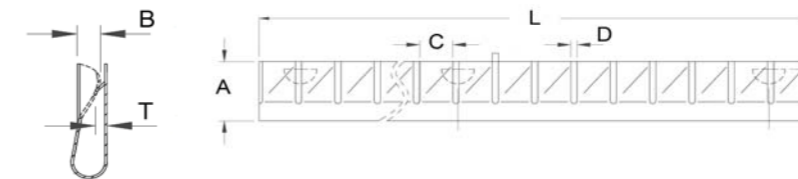
FCB	A	B	C	D	E	T	L
FCB-505	4,80	1,78	3,81	0,38	3,80	0,080	500
FCB-524	3,60	0,80	2,03	0,38	2,00	0,080	406



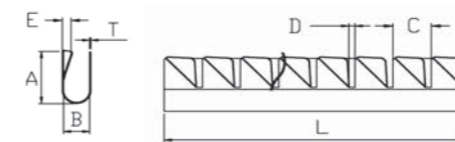
FCB	A	B	C	D	E	T	L
FCB-506	4,63	1,80	3,81	0,38	4,00	0,080	406



FCB	A	B	C	D	T	L
FCB-510	12,70	1,80	3,53	0,66	0,080	endless



FCB	A	B	C	D	E	T	L	
FCB-511	4,80	1,78	3,80	0,40	1,00	0,076	406	
FCB-512	4,80	1,78	3,80	0,40	1,50	0,076	406	
FCB-513	4,80	1,78	3,80	0,40	2,00	0,076	406	
FCB-514	6,40	1,78	3,80	0,40	1,00	0,076	406	
FCB-515	6,40	1,78	3,80	0,40	1,50	0,076	406	
FCB-516	6,40	1,78	3,80	0,40	2,00	0,076	406	
FCB-531	3,80	0,80	2,00	0,40	3,00	0,076	406	available with lances
FCB-532	3,80	0,80	2,00	0,40	2,50	0,076	406	available with lances
FCB-533	4,10	0,80	2,00	0,40	4,00	0,076	406	
FCB-534	4,10	0,80	2,00	0,40	3,50	0,076	406	
FCB-535	5,80	0,80	2,00	0,40	4,00	0,076	406	
FCB-536	5,50	1,78	3,80	0,38	1,50	0,080	406	



FCB	A	B	C	D	E	T	L
FCB-582	3,80	1,78	2,41	0,38	0,76	0,08	192