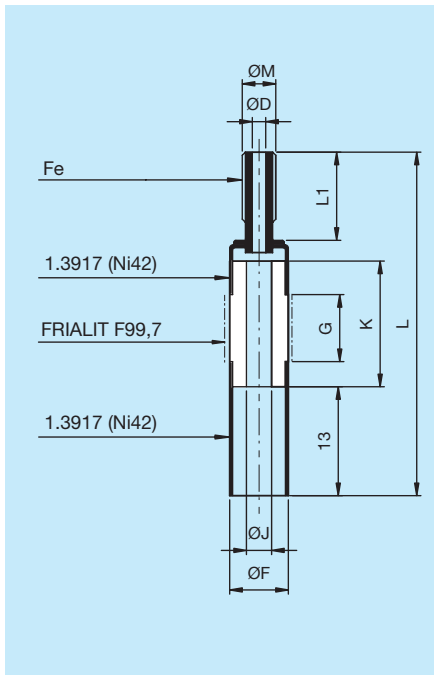
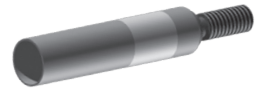


FRIALIT®-DEGUSSIT® Oxide Ceramics
Electrical Engineering

Ceramic-Metal Assemblies
Metallised Ceramics

SINGLE TERMINAL FEEDTHROUGHS



Voltage (DC)	Ø M	Ø D	Ø F	Ø J	G	K	L	L1	Article no.
4 kV	M4	1,6	7,0	3,0	8	15	41	10	551-1001
6 kV	M6	2,5	9,0	4,0	13	20	47	10	551-1002
6 kV	M6	2,5	10,8	5,0	13	20	47	10	551-1003
6 kV	M8	3,8	13,5	6,5	13	20	54	17	551-1004

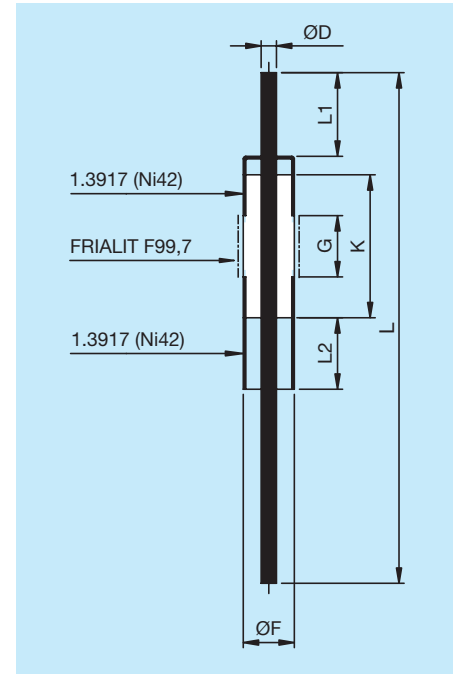
Feedthroughs are also available in other dimensions



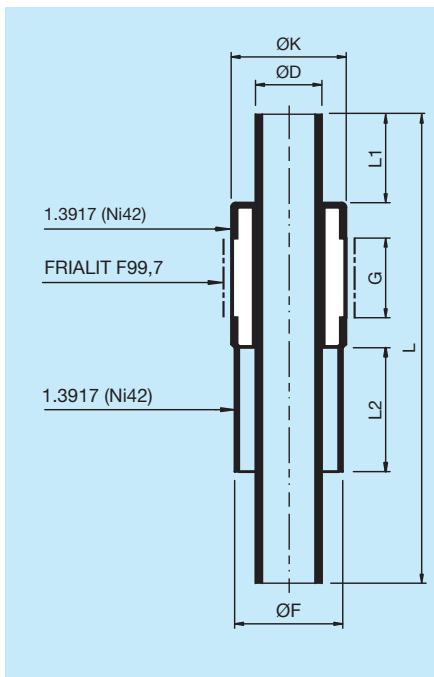
SINGLE TERMINAL FEEDTHROUGHS

Voltage (DC)	Conductor	Current	Ø D	Ø F	G	K	L1	L2	L	Article no.
1 kV	Ni42	5 A	1,5	10,8	4	22	12		75	551-0725
2 kV	NiFeCo	4 A	1,5x0,25	5	4	10,5	10	7	60	551-1063
2 kV	NiFeCo	5 A	1,5x0,25	5	4	10,5	10	7	60	551-1064
3 kV	NiFeCo	5 A	1,5x0,25	5	6	12,5	10	7	60	551-1066
3 kV	Cu	15 A	1,5x0,25	5	6	12,5	10	7	60	551-1066-2
4 kV	Ni42	5 A	1,5	7	8	15	10	13	57	551-0412
4 kV	Cu	15 A	1,5	7	8	15	10	13	57	551-0412-1
4 kV	Ni42	8 A	2,0	7	8	15	10	13	57	551-1006
4 kV	Cu	25 A	2,0	7	8	15	10	13	57	551-1006-1
5 kV	NiFeCo	5 A	1,5x0,25	5	10	16,5	10	7	60	551-1068
5 kV	Cu	15 A	1,5x0,25	5	10	16,5	10	7	60	551-1068-2
6 kV	Ni42	12 A	3,0	9	13	20	10	13	58	551-1007
6 kV	Cu	40 A	3,0	9	13	20	10	13	58	551-1007-1
6 kV	Ni42	20 A	4,0	10,8	13	20	10	13	58	551-1008
6 kV	Cu	60 A	4,0	10,8	13	20	10	13	58	551-1008-1
6 kV	Ni42	25 A	5,0	13,5	13	20	10	13	65	551-1009
6 kV	Cu	80 A	5,0	13,5	13	20	10	13	65	551-1009-1
8 kV	Cu	120 A	8,0	19,8	16	23	10	13	68	551-1010-1

Feedthroughs are also available in other dimensions



SINGLE TERMINAL FEEDTHROUGHS



Voltage (DC)	Conductor	Current	Ø D	Ø F	G	Ø K	L1	L2	L	Article no.
1 kV	Ni42	4 A	1,5 x 0,25	4	2,8	4,4	6	10	35	551-1491
1 kV	Ni42	5 A	1,5	4	2,8	4,4	6	10	35	551-1425
1 kV	Cu	5 A	1,5	4	2,8	4,4	6	10	35	551-1425-1
4 kV	Ni42	30 A	7,5 x 0,75	12	8	13	10	14	53	551-1633
4 kV	Cu	90 A	7,5 x 0,75	12	8	13	10	14	53	551-1633-1

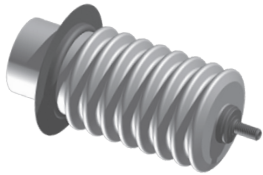
Feedthroughs are also available in other dimensions



SINGLE TERMINAL FEEDTHROUGHS

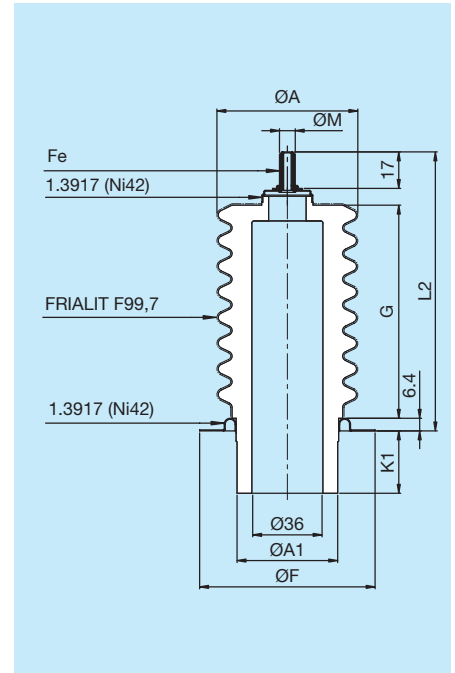
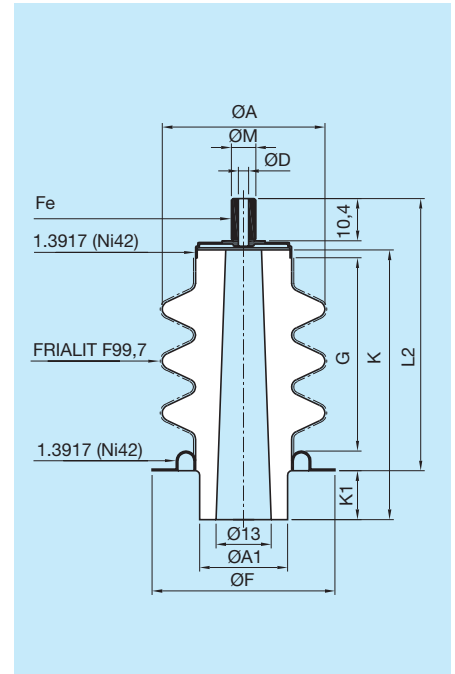
Voltage (DC)	No. of Flutes	Leakage Path	Ø M	Ø D	Ø F	Ø A	Ø A1	G	K	K1	L2	Article no.
25 kV	3	54	M6	2,5	45	40	22	45	66	12	67	551-1012

This feedthrough could be adjusted with different conductors for special electrical standards.

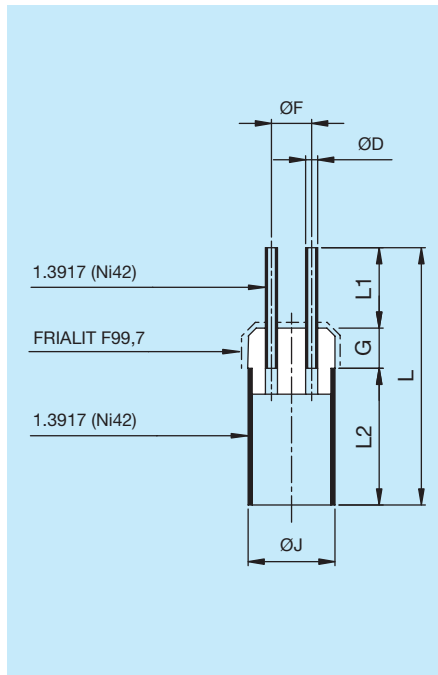
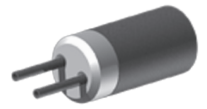


Voltage (DC)	No. of Flutes	Leakage Path	Ø M	Ø D	Ø F	Ø A	Ø A1	G	K	K1	L2	Article no.
50 kV	8	150	8	3,8	88,9	70	52	108	-	31,6	141,4	551-0970

This feedthrough could be adjusted with different conductors for special electrical standards.

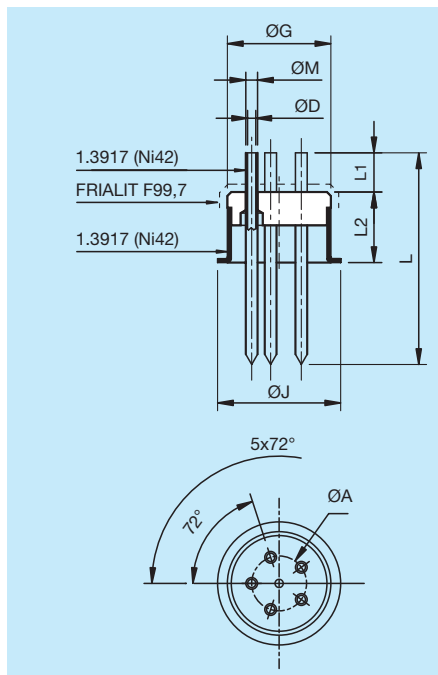


MULTITERMINAL FEEDTHROUGHS



Voltage (DC)	Current	Ø D	Ø J	Ø F	G	L1	L2	L	Article no.
500 V Pin-Pin 1 kV Pin-Flange	4 A	1,5 x 0,25	5	10,8	5	10	17	32	552-0861 (2-terminal)
500 V Pin-Pin 1 kV Pin-Flange	4 A	1,5 x 0,25	5	10,8	5	10	17	32	552-0838 (4-terminal)

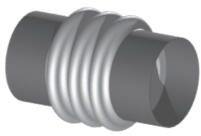
Feedthroughs are also available in other dimensions



Voltage (DC)	Current	Ø D	Ø A	Ø G	Ø J	L1	L2	L	Article no.
500 V Pin-Pin 1 kV Pin-Flange	4 A	1,5 x 0,225	7	13,2	15,7	5	9	27	552-2548 (5-terminal)

Feedthrough is also available in other dimensions





TUBE-TO-TUBE INSULATORS

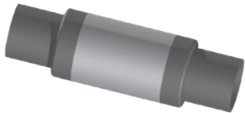
Voltage (DC)	No. of Flutes	Leakage Path	Available with	Ø F	Ø A	Ø J	G	L	Article no.
15 kV	3	44	35	36	46	25	30	67,6	559-0654

Tube-To-Tube Insulator is also available in other dimensions



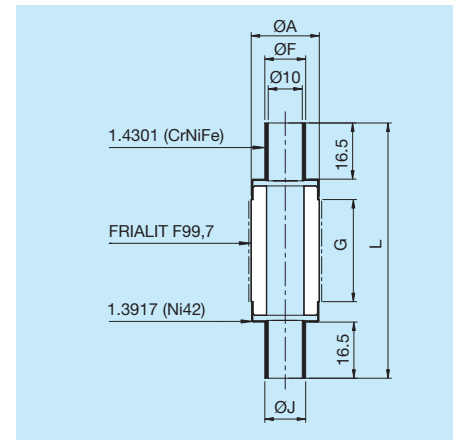
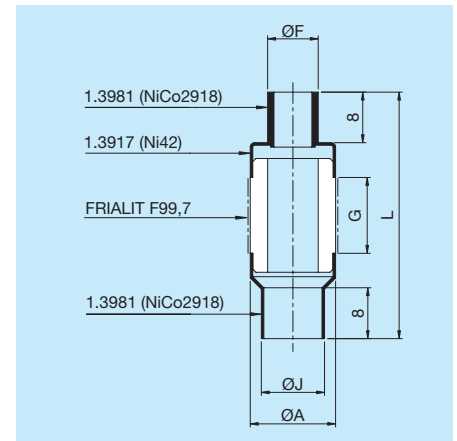
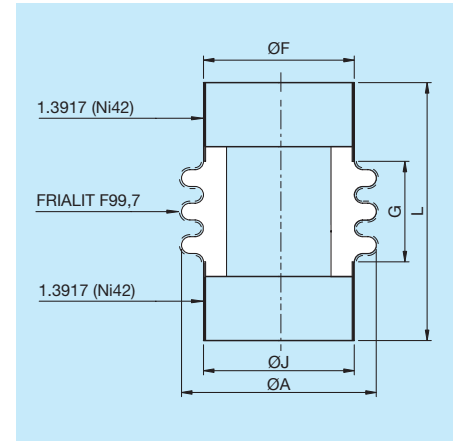
Voltage (DC)	Ø A	Ø F	Ø J	G	L	Article no.
5 kV	13,5	8 x 6	10	12	39	559-1464

Tube-To-Tube Insulator is also available in other dimensions

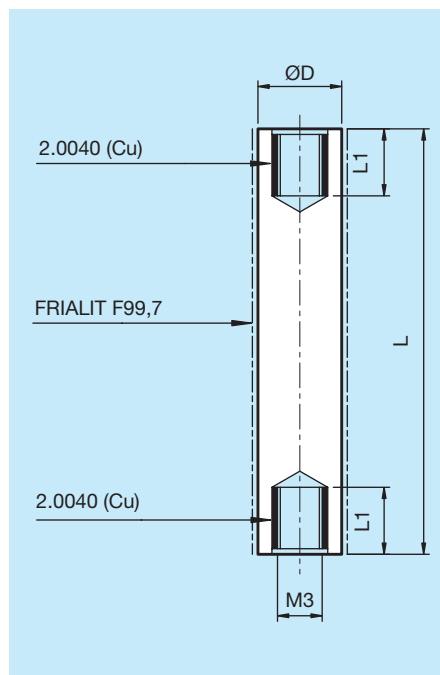


Voltage (DC)	Ø A	Ø F	Ø J	G	L	Article no.
15 kV	20	18	18	30	74	559-3664-2

Tube-To-Tube Insulator is also available in other dimensions

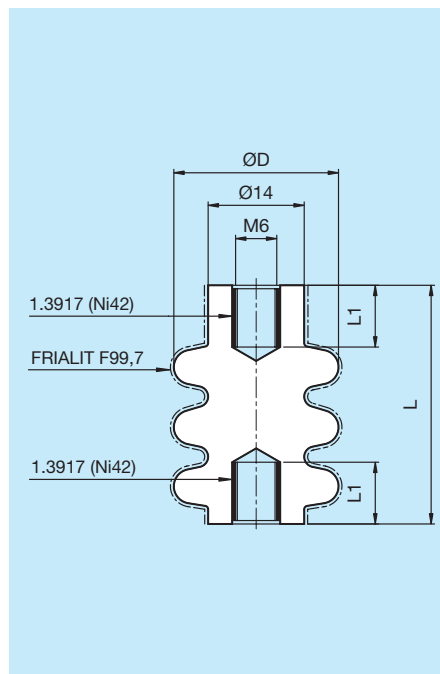


STANDOFFS



Voltage (DC)	Leakage Path	Ø D	L1	L	Article no.
10 kV	25	7,5	8	25,0	558-1511
15 kV	38	9,5	6	38,1	558-1984

Standoffs are also available in other dimensions



Voltage (DC)	Leakage Path	Ø D	L1	L	Article no.
15 kV	40	24	9	30,0	558-1162

Standoff is also available in other dimensions

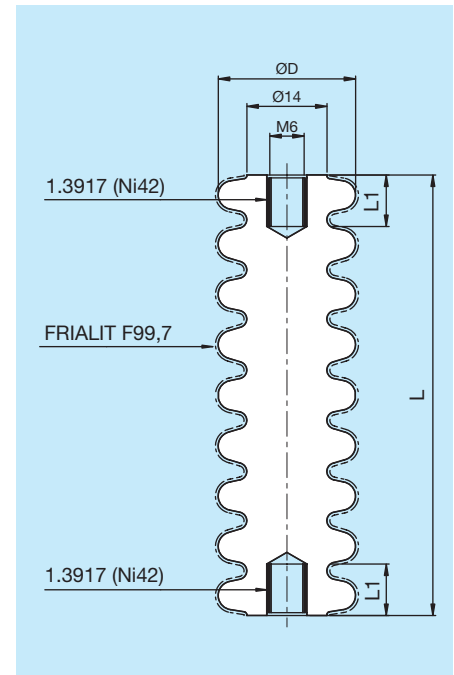




STANDOFFS

Voltage (DC)	Leakage Path	Ø D	L1	L	Article no.
40 kV	130	24	9	80,0	558-2105

Customized parts with different lengths, different diameters or different number of flutes are also available.



Standard Description	Material No.	American Standard Description
9S20	1.0711	-
X5CrNi18-10	1.4301	AISI 304
X6CrNiTi18-10	1.4541	AISI 321
X6CrNiMoTi17-12-2	1.4571	AISI 316Ti
X2CrNiMo17-13-3	1.4429	AISI 316LN
Ni42	1.3917	ASTM F 29, F 30
NiCo29-18	1.3981	ASTM F 15
NiCo28-23	1.3982	ASTM F 15
OF-Cu	2.0040	ASTM B 187, B 152
SE-Cu	2.0070	-
Ni99,6	2.4060	ASTM B 160
LC-Ni99	2.4068	-
Titan Grade 2	3.7035	ASTM B 265
Alloy C-276	2.4819	ASTM B 564

Standard description and materials of the steels which are used in the field of Electrical Engineering