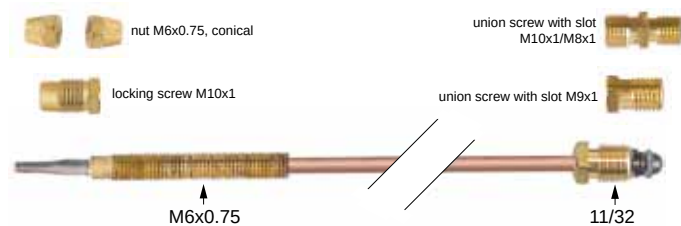
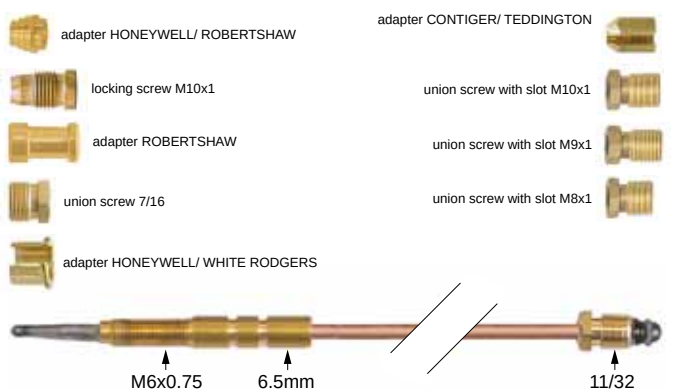


thermocouples

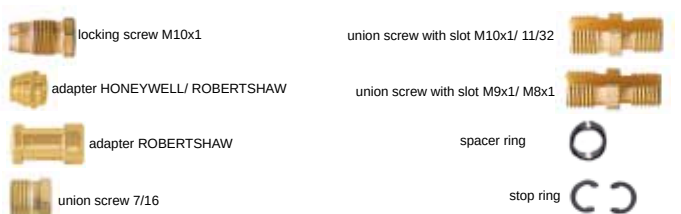
universal



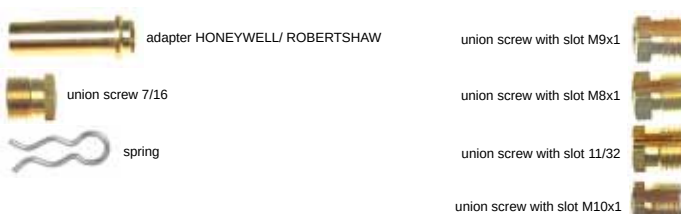
no.	part no.	description	length (mm)
1	102005	thermocouple, 6-piece set	600
2	102000	thermocouple, 6-piece set	900
3	102006	thermocouple, 6-piece set	1200
4	102461	thermocouple, 6-piece set	1500



no.	part no.	description	length (mm)
1	102129	thermocouple, 10-piece set	600
2	102130	thermocouple, 10-piece set	900



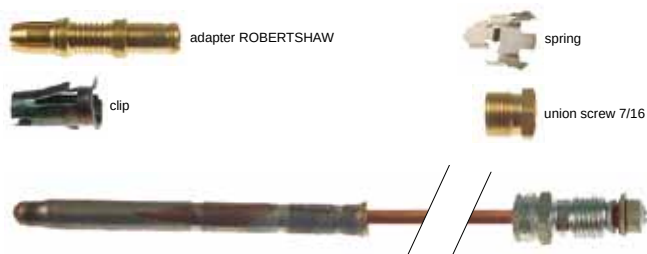
no.	part no.	description	length (mm)
1	102003	thermocouple, 10-piece set	900
2	102002	thermocouple, 10-piece set	1200



no.	part no.	description	length (mm)
1	102543	thermocouple, 8-piece set	600
1	102284	thermocouple, 8-piece set	900
1	102544	thermocouple, 8-piece set	1200

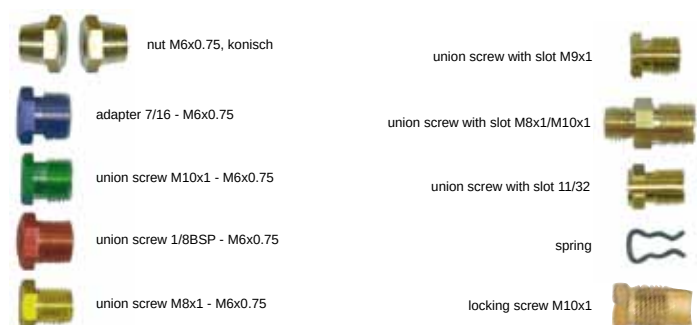


no.	part no.	description	length (mm)
1	102001	thermocouple, 17-piece set	900
2	102004	thermocouple, 17-piece set	1200



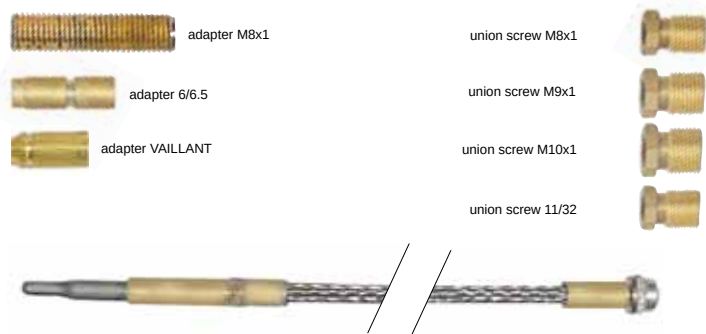
no.	part no.	description	length (mm)
1	102280	thermocouple, 5-piece set	450
2	102281	thermocouple, 5-piece set	600
3	102282	thermocouple, 5-piece set	900
4	102283	thermocouple, 5-piece set	1800

super-universal



no.	part no.	description	length (mm)
1	102540	thermocouple, 12-piece set	600
2	102541	thermocouple, 12-piece set	900
3	102542	thermocouple, 12-piece set	1200

flexible



no.	part no.	length (mm)
1	102285	thermocouple, 8-piece set 600
2	102286	thermocouple, 8-piece set 900
3	102287	thermocouple, 8-piece set 1200

basic thermocouples (functional only with accessory)

basic thermocouples type GF (flexible)



no.	part no.	length (mm)	no.	part no.	length (mm)
1	102248	400	3	102098	900
2	102097	600	4	102099	1200

accessories for basic thermocouples type GF

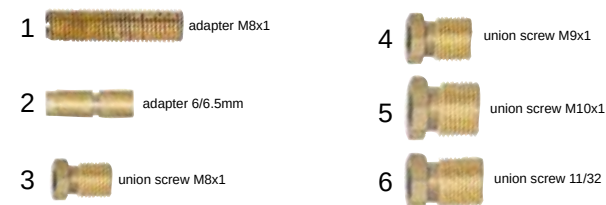


fig.	part no.	qty (pcs)	fig.	part no.	qty (pcs)	fig.	part no.	qty (pcs)
1	100935	1	3	100930	1	5	100932	1
	102735	5		102730	5		102732	5
2	100934	1	4	100931	1	6	100933	1
	102734	5		102731	5		102733	5

basic thermocouples type SEF (flexible)



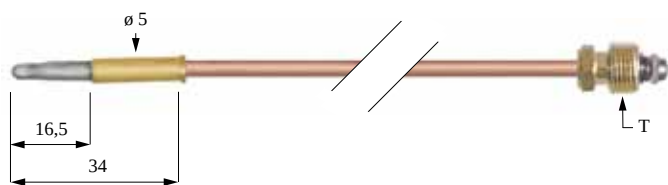
fig.	part no.	length (mm)	type	fig.	part no.	length (mm)	type
1	102023	600	SEF1	2	102435	600	SEF2
	102024	900	SEF1		102436	900	SEF2
	102025	1200	SEF1		102437	1200	SEF2



fig.	part no.	qty (pcs)	type	fig.	part no.	qty (pcs)	type
1	100914	1	SEF1	13	102677	1	SEF2
	102714	5		14	102678	1	SEF2
2	100915	1	SEF1	15	102666	1	SEF1
	102715	5		16	102668	1	SEF1
3	102673	1	SEF1	17	102669	1	SEF1
4	102670	1	SEF1	18	102671	1	SEF1
5	102667	1	SEF1	19	102672	1	SEF1
6	102675	1	SEF1	20	100910	1	SEF1/2
7	102679	1	SEF2		102710	5	
8	102674	1	SEF1	21	100911	1	SEF1/2
9	102067	1	SEF1		102711	5	
10	102680	1	SEF1/2	22	100912	1	SEF1/2
11	101297	1	SEF2		102712	5	
12	100907	1	SEF1	23	100913	1	SEF1/2
	102507	5			102713	5	

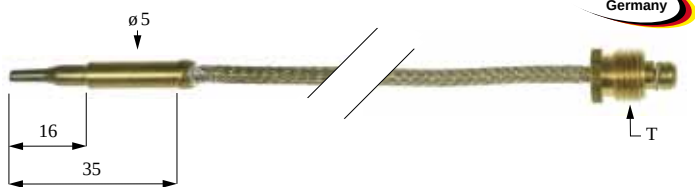
standard

thermocouples 5mm



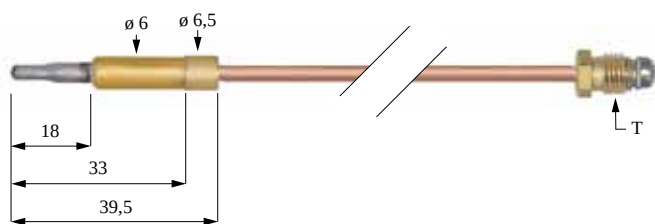
no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102201	220	M8x1	10	102251	750	M9x1
2	102202	320	M8x1	11	102210	220	M10x1
3	102203	450	M8x1	12	102211	320	M10x1
4	102204	600	M8x1	13	102212	450	M10x1
5	102205	750	M8x1	14	102213	600	M10x1
6	102206	850	M8x1	15	102214	750	M10x1
7	102207	1000	M8x1	16	102132	1000	M10x1
8	102208	1200	M8x1	17	102215	1200	M10x1
9	102209	1500	M8x1	18	102216	1500	M10x1

thermocouples 5mm, flexible



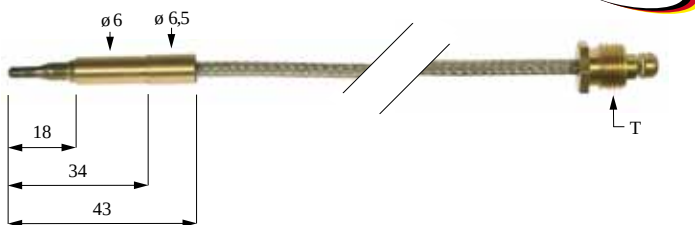
no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102390	600	M8x1	4	102393	600	M10x1
2	102391	900	M8x1	5	102394	900	M10x1
3	102392	1200	M8x1	6	102395	1200	M10x1

thermocouples 6mm



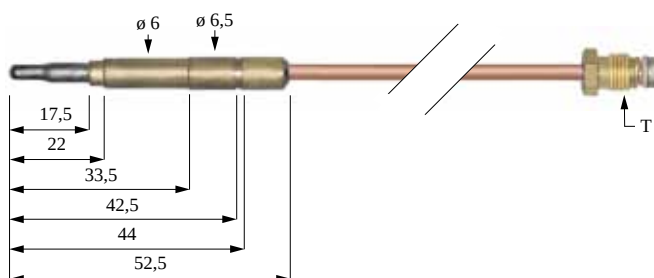
no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102217	220	M8x1	9	102226	450	M10x1
2	102218	320	M8x1	10	102227	600	M10x1
3	102219	450	M8x1	11	102228	750	M10x1
4	102220	600	M8x1	12	102229	1000	M10x1
5	102221	750	M8x1	13	102230	1200	M10x1
6	102223	1200	M8x1	14	102231	1500	M10x1
7	102224	1500	M8x1	15	102256	1000	11/32
8	102225	320	M10x1				

thermocouples 6mm, flexible



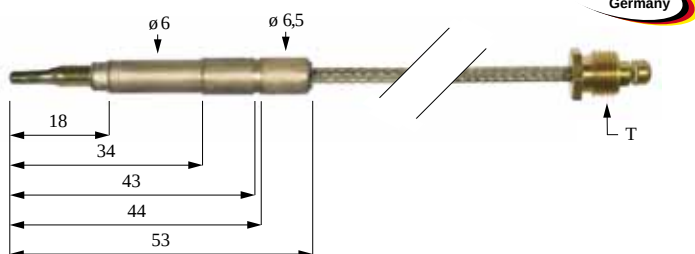
no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102396	600	M8x1	4	102399	600	M10x1
2	102397	900	M8x1	5	102400	900	M10x1
3	102398	1200	M8x1	6	102401	1200	M10x1

thermocouples 6/6.5mm



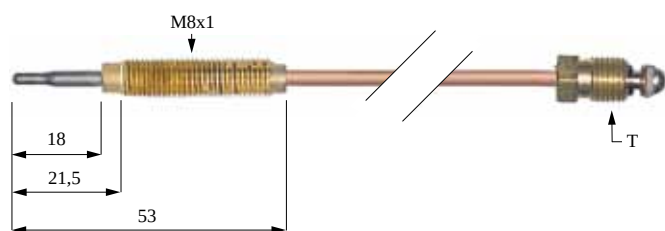
no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102033	320	M8x1	14	102007	320	M10x1
2	102034	600	M8x1	15	102071	400	M10x1
3	102035	850	M8x1	16	102075	600	M10x1
4	102036	1000	M8x1	17	102076	850	M10x1
5	102037	1200	M8x1	18	102072	1000	M10x1
6	102038	1500	M8x1	19	102077	1500	M10x1
7	102039	320	M9x1	20	102046	400	11/32
8	102040	500	M9x1	21	102047	600	11/32
9	102041	600	M9x1	22	102048	850	11/32
10	102042	850	M9x1	23	102049	1000	11/32
11	102043	1000	M9x1	24	102051	1500	11/32
12	102044	1200	M9x1				
13	102045	1500	M9x1				

thermocouples 6/6.5mm, flexible



no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102402	600	M8x1	4	102407	1200	M9x1
2	102403	900	M8x1	5	102408	600	M10x1
3	102404	1200	M8x1	6	102409	900	M10x1
4	102405	600	M9x1	7	102410	1200	M10x1
5	102406	900	M9x1				

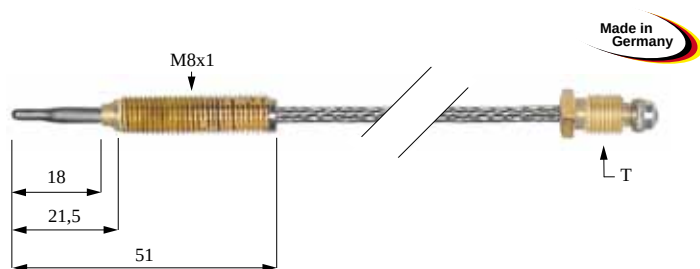
threaded thermocouples M8x1



no.	part no.	length (mm)	T
1	102232	220	M8x1
2	102054	320	M8x1
3	102055	450	M8x1
4	102056	600	M8x1
5	102233	750	M8x1
6	102057	850	M8x1
7	102058	1000	M8x1
8	102059	1200	M8x1
9	102060	1500	M8x1
10	102061	320	M9x1
11	102062	600	M9x1

no.	part no.	length (mm)	T
12	102063	850	M9x1
13	102064	1000	M9x1
14	102065	1200	M9x1
15	102066	1500	M9x1
16	102073	400	M10x1
17	102235	450	M10x1
18	102078	600	M10x1
19	102079	750	M10x1
20	102074	1000	M10x1
21	102080	1500	M10x1

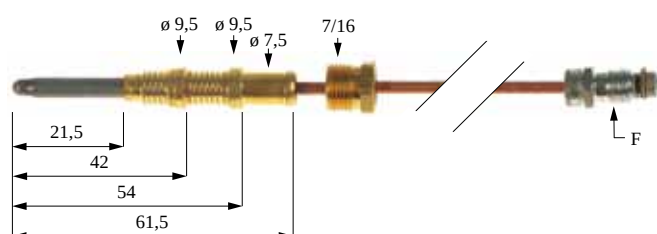
threaded thermocouples M8x1, flexible



no.	part no.	length (mm)	T
1	102136	220	M8x1
2	102128	320	M8x1
3	102411	600	M8x1
4	102412	900	M8x1
5	102413	1200	M8x1
6	102414	600	M9x1

no.	part no.	length (mm)	T
7	102415	900	M9x1
8	102416	1200	M9x1
9	102417	600	M10x1
10	102418	900	M10x1
11	102419	1200	M10x1

thermocouples ROBERTSHAW



no.	part no.	length (mm)	T
1	102122	450	11/32
2	102276	600	11/32
3	102123	750	11/32

no.	part no.	length (mm)	T
4	102277	900	11/32
5	102278	1200	11/32
6	102279	1800	11/32

thermocouples ROBERTSHAW, flexible

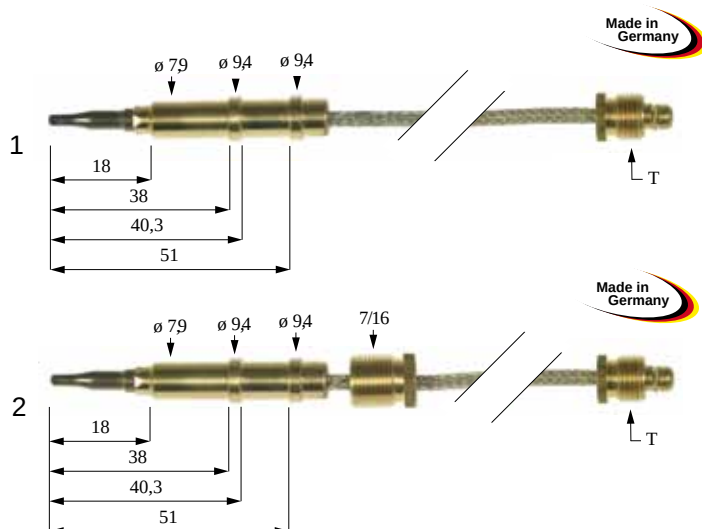
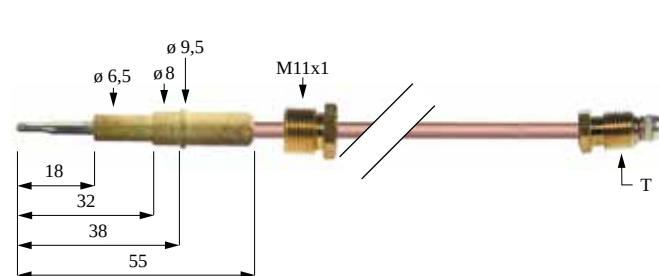


fig.	part no.	length (mm)	T
1	102429	600	11/32
	102430	900	11/32
	102431	1200	11/32

fig.	part no.	length (mm)	T
2	102432	600	11/32
	102433	900	11/32
	102434	1200	11/32

thermocouples HONEYWELL



no.	part no.	length (mm)	T
1	102893	1000	11/32

thermocouples with nickle-plated cables

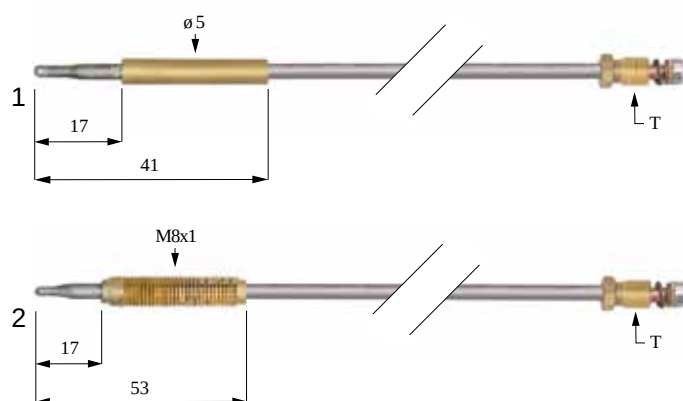


fig.	part no.	length (mm)	T
1	102112	450	M8x1

fig.	part no.	length (mm)	T
2	102113	450	M8x1

various

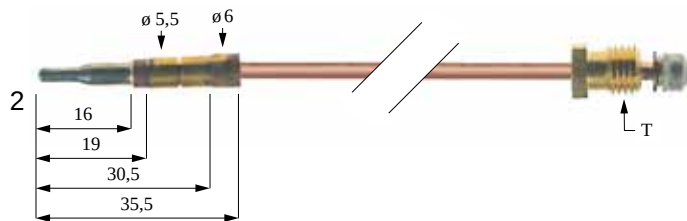
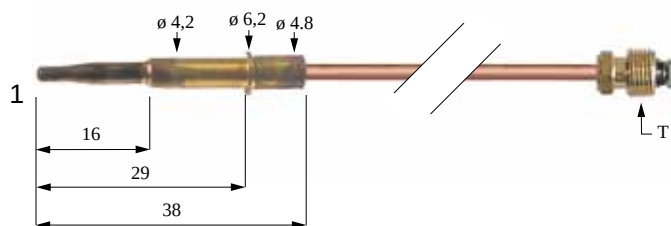


fig.	part no.	length (mm)	T
1	102261	600	M8x1

fig.	part no.	length (mm)	T
2	102258	600	M8x1

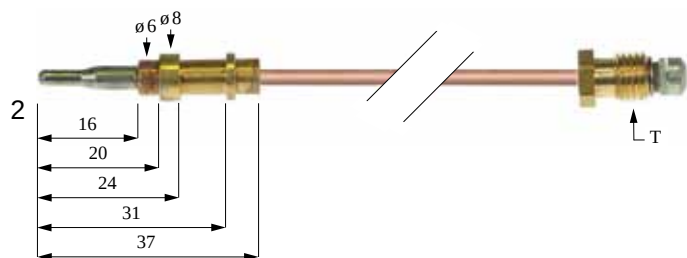
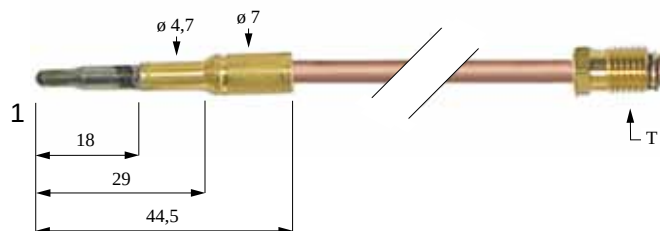
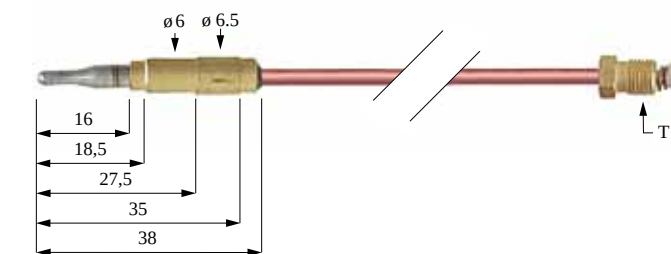


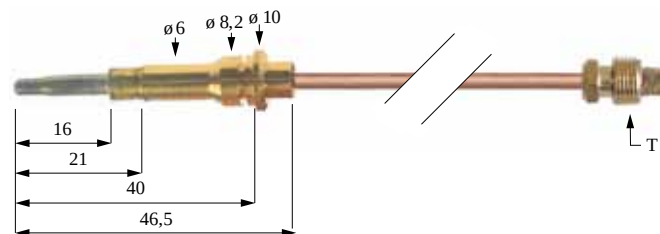
fig.	part no.	length (mm)	T
1	102125	420	M8x1

fig.	part no.	length (mm)	T
2	102266	220	M8x1



no.	part no.	length (mm)	T
1	102246	600	M9x1
2	102923	750	M9x1

no.	part no.	length (mm)	T
3	102267	850	M8x1



no.	part no.	length (mm)	T
1	102262	1200	M8x1

no.	part no.	length (mm)	T
2	102263	1400	M8x1

various, flexible

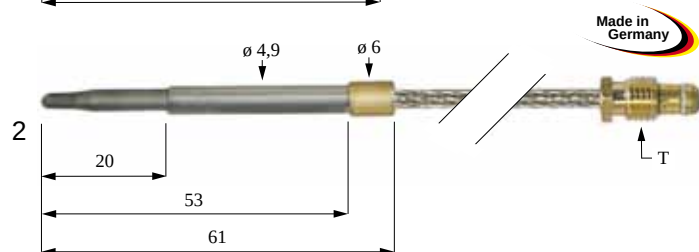
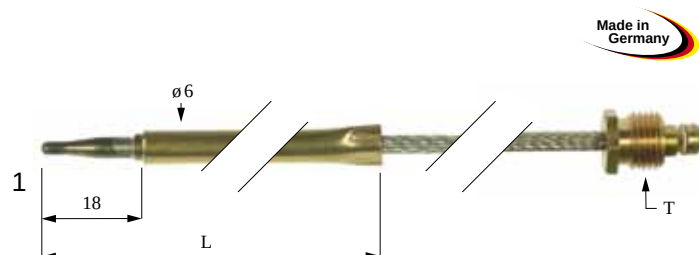
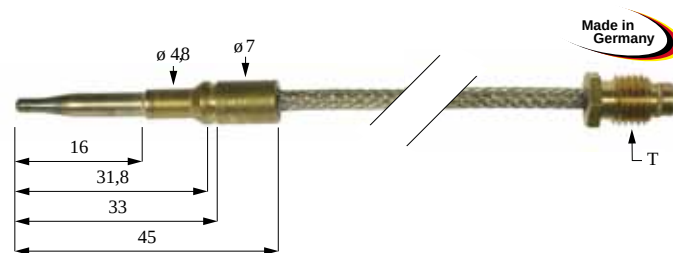


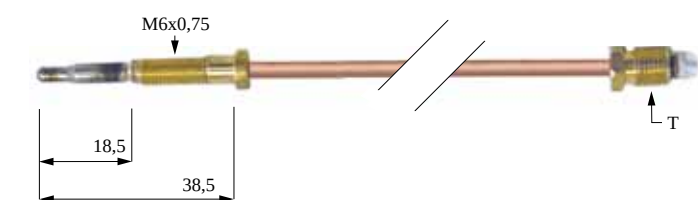
fig.	part no.	length (mm)	L (mm)	T
1	102422	650	60	M10x1
	102423	650	95	M10x1

fig.	part no.	length (mm)	L (mm)	T
1	102424	650	115	M10x1
2	102119	320	-	M8x1



no.	part no.	length (mm)	T
1	102428	450	M8x1

various threaded thermocouples



no.	part no.	length (mm)	T
1	102138	300	M9x1
2	102139	500	M9x1

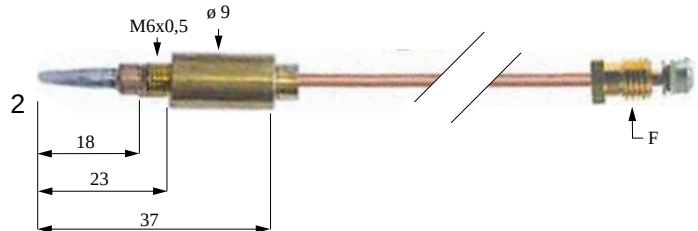
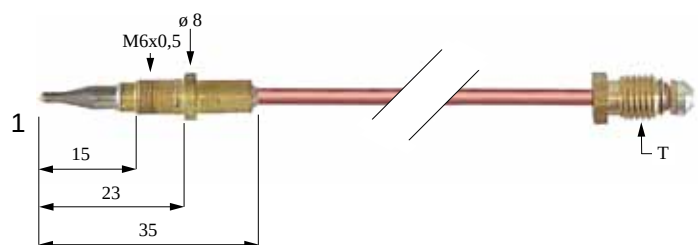
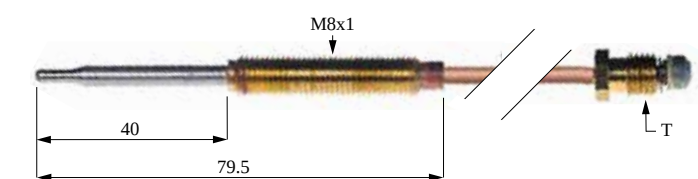


fig.	part no.	length (mm)	T
1	102245	500	M8x1
2	102121	600	M8x1



no.	part no.	length (mm)	T
1	102249	250	M8x1

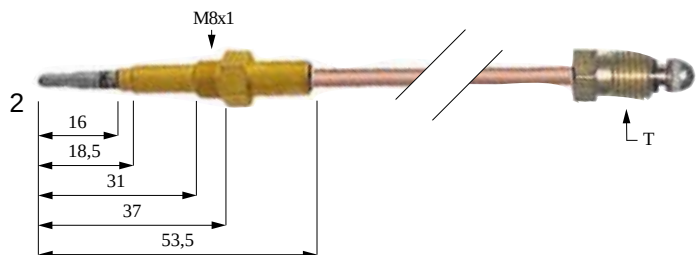
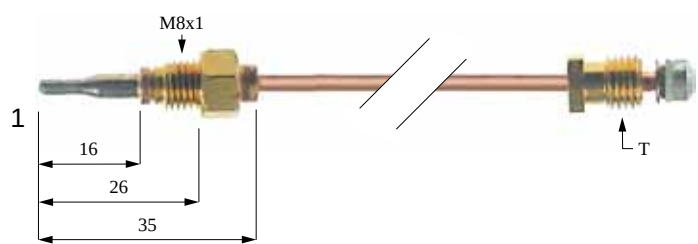


fig.	part no.	length (mm)	T
1	102257	600	M8x1
2	102008	1000	M9x1

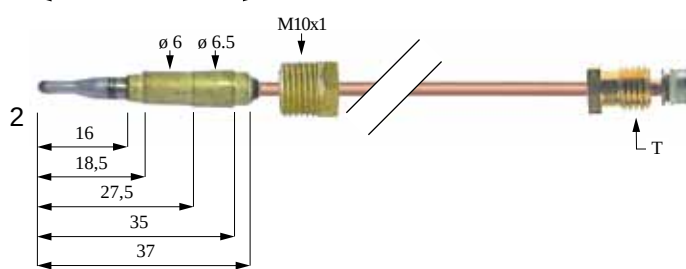
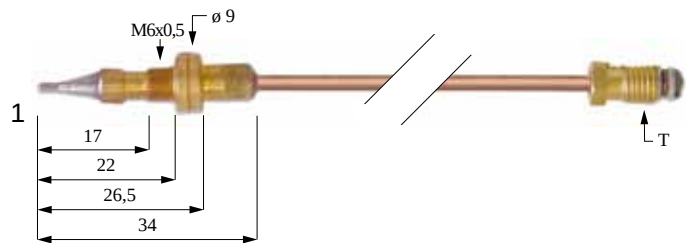


fig.	part no.	length (mm)	T
1	102153	600	M8x1
2	102944	1500	M9x1
2	102438	600	M9x1

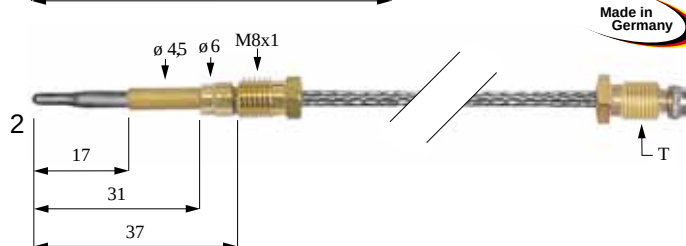
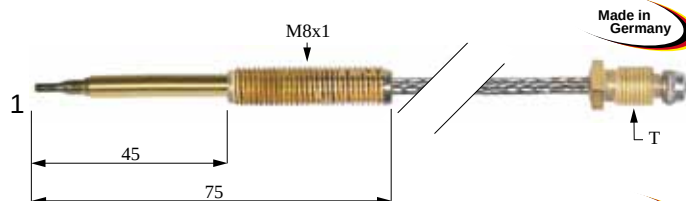


fig.	part no.	length (mm)	T
1	102420	750	M8x1
1	102421	750	M10x1
2	102114	900	M8x1

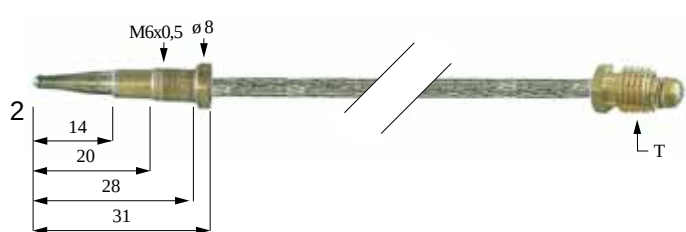
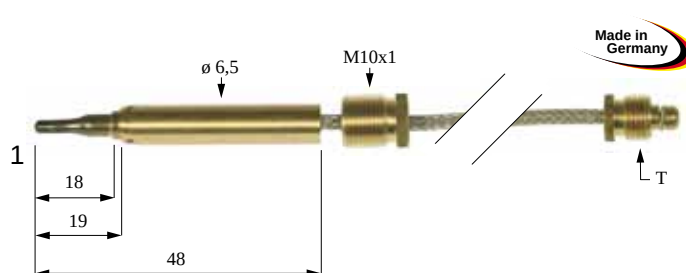


fig.	part no.	length (mm)	T
1	102425	600	11/32
1	102426	900	11/32
1	102427	1200	11/32
2	102244	500	M8x1

thermocouples with 1 conductor

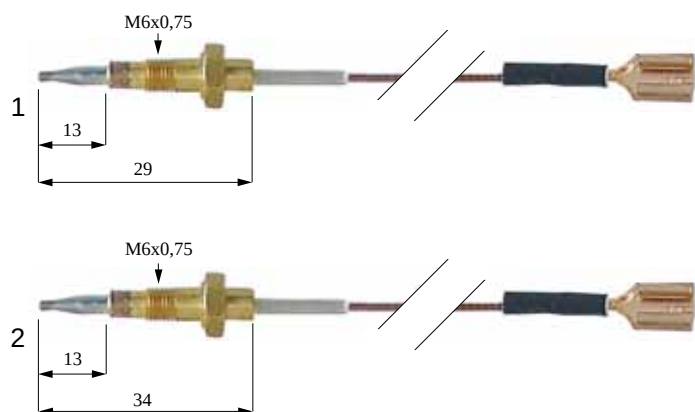


fig.	part no.	length (mm)	connection	fig.	part no.	length (mm)	connection
1	102145	600	F 7.7mm	2	102242	750	F 7.7mm

thermocouples with 2 conductors



no.	part no.	length (mm)	T
1	102089	600	M8x1
2	102131	1000	M8x1



no.	part no.	length (mm)		A	connections B
		phase conductor (L1)	ground cable (L2)		
1	102255	600	600	lug M5	F 6.3mm
2	102814	1000	1100	lug M5	F 6.3mm



no.	part no.	length (mm)	T
1	102260	600	M8x1

threaded thermocouples with 2 conductors



no.	part no.	length (mm)		A	connections B
		phase conductor (L1)	ground cable (L2)		
1	102271	600	600	F 7.7mm	lug M4
2	102148	600	100	F 7.7mm	F 2.8x08mm



no.	part no.	length (mm)		A	connections B
		phase conductor (L1)	ground cable (L2)		
1	102147	750	100	F 7.7mm	F 2.8x08mm
2	102924	750	750	F 7.7mm	lug M4

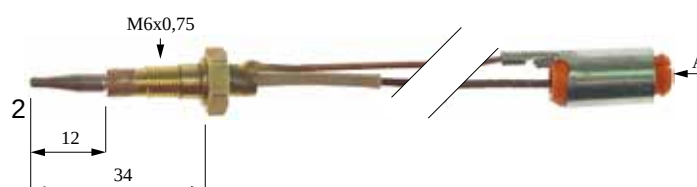
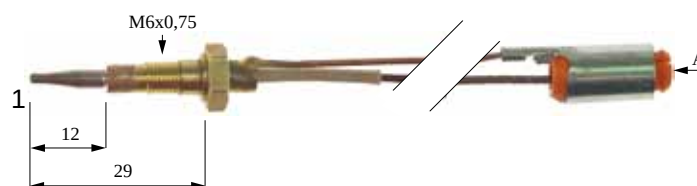
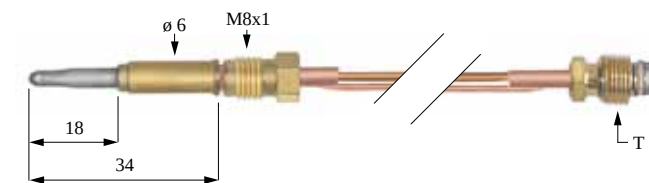
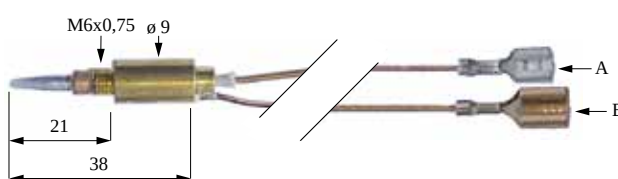


fig.	part no.	length (mm)	connection	fig.	part no.	length (mm)	connection
1	102127	600	Ø 2mm	2	102152	750	Ø 2mm



no.	part no.	length (mm)	T
1	102088	1500	M10x1



no.	part no.	length (mm)		A	connections B
		phase conductor (L1)	ground cable (L2)		
1	102120	750	750	F 7.7mm	F 6.3mm

thermocouples with interrupter

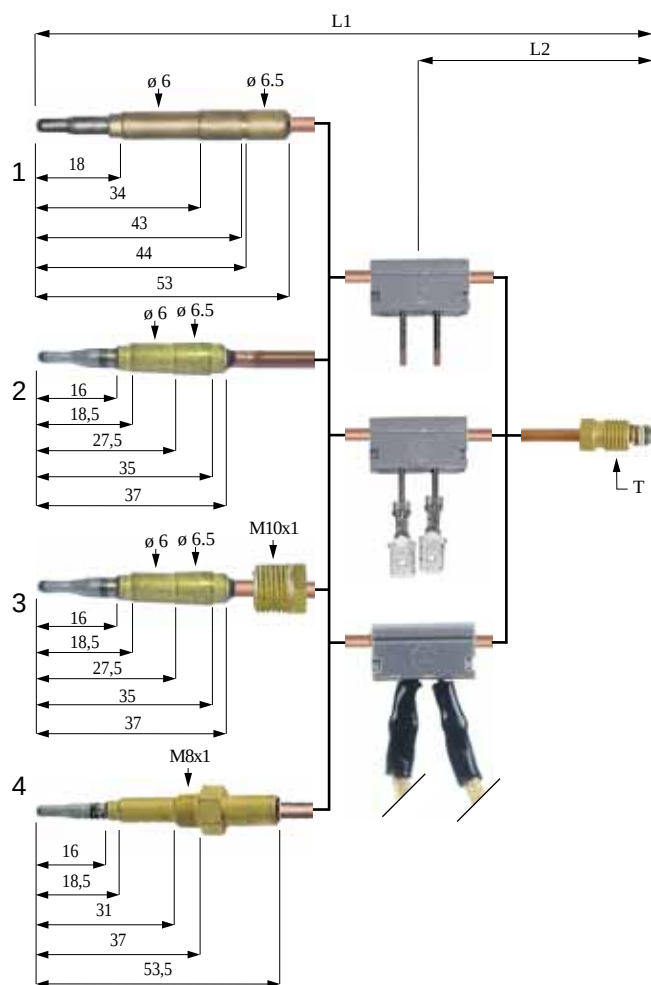


fig.	part no.	L1 (mm)	L2 (mm)	T	connection
1	102068	320	130	M9x1	solder connection
	102069	600	130	M9x1	solder connection
	102070	1000	130	M9x1	solder connection
	102247	600	130	M9x1	with cable 600mm
	102250	1000	130	M9x1	with cable 1000mm
2	100172	400	180	11/32	Faston 6.3mm
3	102238	600	130	M9x1	Faston 6.3mm
	102252	600	130	M9x1	with cable 650mm
4	102254	1000	130	M9x1	solder connection
	102259	1000	130	M9x1	with cable 1000mm

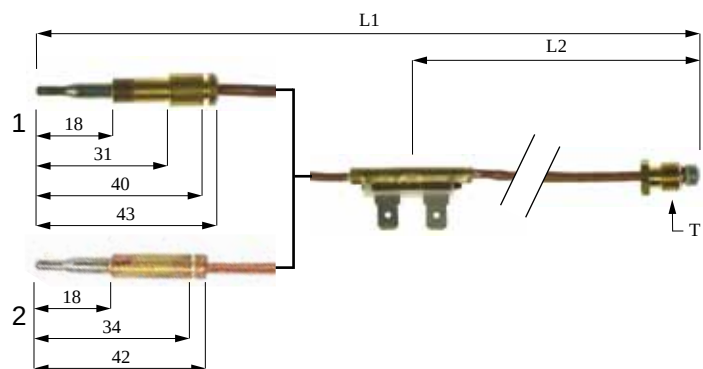


fig.	part no.	L1 (mm)	L2 (mm)	T	connection
1	102269	850	180	M9x1	F 6.3mm
2	102124	850	180	M8x1	F 6.3mm

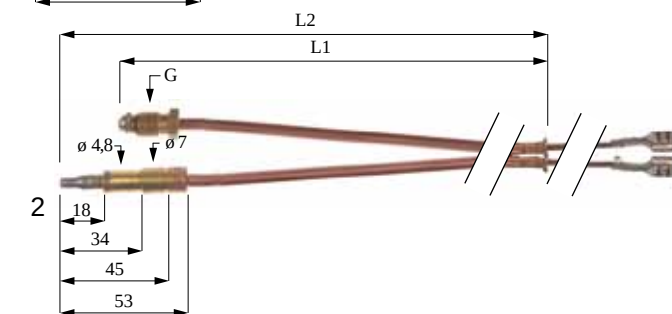
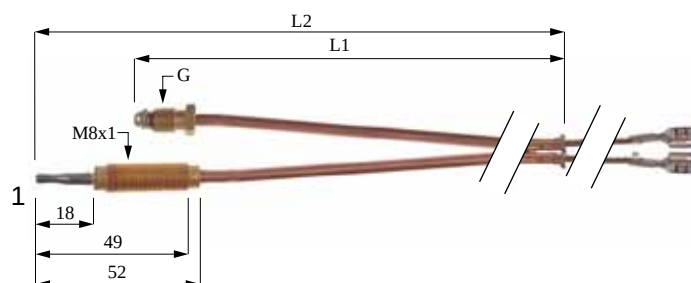


fig.	part no.	L1 (mm)	L2 (mm)	T	connection
1	102239	500	300	M8x1	with cable 250mm F 6.3mm
2	102115	500	200	M9x1	with cable 400mm F 6.3mm

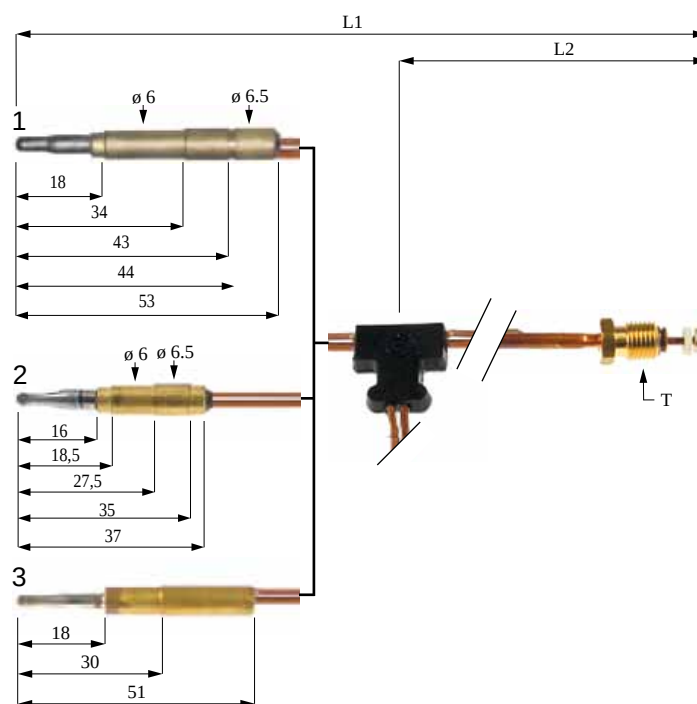
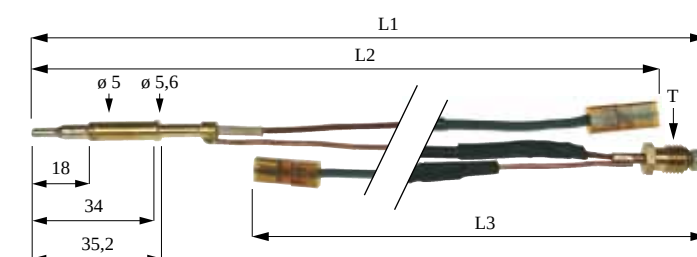


fig.	part no.	L1 (mm)	L2 (mm)	T	connection
1	102925	750	200	M9x1	with cable 300mm F 6.3mm
2	102094	750	200	M9x1	with cable 300mm F 6.3mm
3	102812	1000	150	M9x1	with cable 600mm F 6.3mm



no.	part no.	L1 (mm)	L2 (mm)	L3 (mm)	T	connection
1	102815	1000	650	550	M8x1	F 6.3mm

thermoelectric generators (system mV)

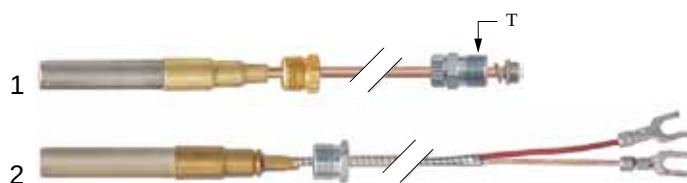


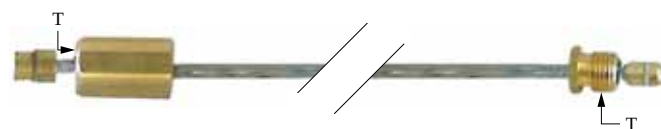
fig.	part no.	length (mm)	T	fig.	part no.	length (mm)
1	580035	820	3/8" NEF	2	102116	600

extensions for thermocouples



no.	part no.	length (mm)	T	no.	part no.	length (mm)	T
1	102011	400	M10x1	5	102012	1000	M10x1
2	102013	500	M9x1	6	102852	1500	M9x1
3	102811	600	M9x1	7	102010	1500	M10x1
4	102851	1000	M9x1				

extensions for thermocouples, flexible



no.	part no.	length (mm)	T
1	102241	500	M9x1

accessories for thermocouples



fig.	part no.	qty (pcs)	description	suitable for
1	102067	1	nut M8x1	
	102500	10	nut M8x1	
2	100965	1	nut M8x1	MKN
3	104250	1	nut M8x1	Küppersbusch
4	102143	1	nut M6x0.75	MBM
5	102680	1	nut M6x0.75	
6	101297	1	nut M6x0.75	



fig.	part no.	qty (pcs)	description
1	100861	1	adaptor
2	101860	1	nut M10x1
3	100907	1	locking screw M10x1
	102507	5	locking screw M10x1
4	101295	1	sleeve 5mm
	102595	10	sleeve 5mm

union screws



fig.	part no.	qty (pcs)	description	fig.	part no.	qty (pcs)	description
1	101260	1	M8x1	5	106112	1	7/16mm
	102566	10	M8x1	6	100920	1	M8x1/M9x1
2	101261	1	M9x1	7	102720	5	M8x1/M9x1
	102561	10	M9x1		100922	1	M10x1, 11/32mm
3	101262	1	M10x1		102722	5	M10x1, 11/32mm
	102562	10	M10x1				
4	101263	1	11/32mm				
	102563	5	11/32mm				

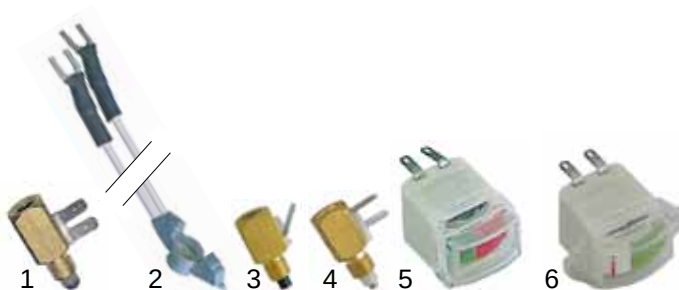


fig.	part no.	description
1	101264	interrupter M8x1
	101265	interrupter M9x1
	101258	interrupter M10x1
	101266	interrupter 11/32mm
2	580046	interrupter
3	100947	display adapter M8x1
	100948	display adapter M10x1
4	101337	display adapter M9x1
5	101414	display
6	101410	display