

Guide to liners/inserts/ash fingers/crucibles

(Micro CHN/S/O and CF-IRMS analysis, organized by size/shape)

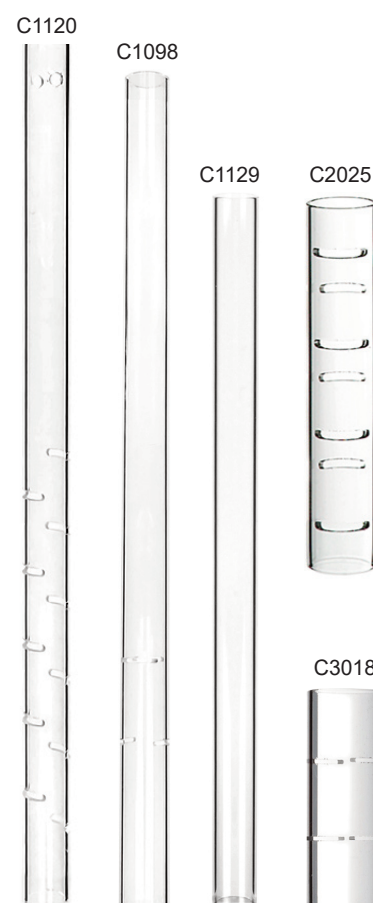
Liners, inserts, ash fingers, or crucibles typically all perform the same function; enabling the simple removal of residual ash, they can prolong the useful life of your combustion tube, and help ensure your sample is positioned at the correct height in the furnace. Given the comparative cost of combustion tubes and reagents, using an ash finger (which can be replaced whenever necessary) will ensure your laboratory gets as many analyses as possible from every tube.

We offer liners, inserts and ash crucibles for all major EA analyser brands, including LECO®, Elementar®, Thermo Fisher Scientific®, PerkinElmer®, EuroVector, and NC Technologies, to name but a few.

Many of these products are designed specifically for a particular OEM analyser, but others can be used in various analysers, and sometimes across different OEMs, hence knowing the dimensions of a liner or crucible will enable the analyst to choose from a wider range of products. This guide, organized by size/shape of insert, can help you find the right ash fingers, liners, inserts and crucibles for Micro CHN/S/O and CF-IRMS analysis from our extensive product range. To confirm OEM compatibility for any of these products, simply check our website for a list of compatible instruments.

Open both ends, quartz

O.D. (mm)	Length (mm)	Pack	Part No	Description
13	70	1	C1156	Quartz crucible
13	200	2	C1129	Quartz liner for 18 mm reactor (200 mm)
13	205	1	C1090	Sleeve insert, transparent silica
13	205	5	C1135	Sleeve insert, transparent silica
13	220	1	C1096	Sleeve insert, transparent silica
13	220	2	C1125	Quartz insert for 18 mm reactor (220 mm)
13	220	5	C1098	Sleeve insert, transparent silica
13	230	1	C1120	Quartz liner
13	230	5	C1127	Quartz liner
13	235	1	C1093	Sleeve insert, transparent silica
13	235	2	C1128	Quartz liner for 18 mm reactor (235 mm)
13	245	2	C1124	Quartz liner for 18 mm reactor (245 mm)
13	250	1	C1123	Sleeve insert, transparent silica
15	180	1	C1050	Sleeve insert, transparent silica, Europa
15	205	5	C1136	Quartz insert
15	220	1	C1094	Sleeve insert, transparent silica, Europa
15	240	5	C1145	Quartz insert
19.5	100	1	C2025	Slitted sleeve, transparent silica, 2400 series
20	70	1	C1131	Turbo N/Dumatherm (r) quartz insert
22	60	5	C3018	Ash finger, quartz
22	60	10	C3060	Ash finger, quartz
28	100	1	C4802	Upper quartz crucible, CKIC TCN/CHN2200



Open both ends, other materials

O.D./mm (mm)	Length/mm (mm)	Pack	Part No	Description	Material
11.3	330	1	D6001	Receptacle insert, CHN rapid	Nickel
12.5	250	1	D6005	Swarf crucible, NA2000/2100	Stainless steel
12.7	225	1	F5177	Swarf crucible, no tabs	Inconel
18	250	1	D6050	HPAR crucible, Flash EA 1112	Inconel
18	250	1	F5153	Reactor crucible, Flash EA1112	Inconel
24	60	1	C3030	Ash finger, rapid N	Ceramic



Closed one end, quartz



O.D. (mm)	Length (mm)	Pack	Part No	Description
7	17	5	C1004	Swarf crucible, transparent silica
7	35	5	C1005	Swarf crucible, transparent silica
12	33	24	C4506	Quartz crucible
12.4	225	1	C3020	Pyrolysis tube insert, vario-EL
13	30	5	C1016	Swarf crucible 30 x 13 mm, silica for C1069/C1072/C1078
13	60	5	C1054	Removable swarf crucible 60 x 13 mm
13	205	1	C1091	Sleeve insert, transparent silica
13	210	1	C2032	Sleeve insert, CHNS, transparent silica, EA1108
13	220	1	C1052	Sleeve insert, transparent silica
13	235	1	C1051	Sleeve insert, transparent silica
13	245	2	C1097	Sleeve insert
13	250	1	C1065	Silica swarf crucible, transparent silica
14	30	5	C1006	Swarf crucible 30 x 14 mm, transp. silica for C1022/C1024
14	60	5	C1053	Swarf crucible 60 x 14 mm, transparent silica
15	220	1	C2030	Sleeve insert, transparent silica, NA1500(1)
16	35	5	C1007	Swarf crucible 35 x 16 mm, transparent silica, NA1500(1)
17	20	5	C4007	Crucible, transparent silica
22	30	1	C3068	Quartz crucible
22.5	60	1	C3054	Ash crucible, quartz
22.5	61	1	C3024	Ash finger, quartz
22.5	61	10	C3070	Ash finger, quartz
25	41	50	C4046	Crucible, transparent silica
25	64	50	C4210	Silica (quartz) crucible, LECO® FP428
25	75	25	C4048	Crucible, transparent silica
28	100	1	C4806	Lower quartz crucible, CKIC TCN/CHN2200

Closed one end, other materials



O.D. (mm)	Length (mm)	Pack	Part No	Description	Material
4.5	30	1	C7012	Crucible, TC/EA	Graphite
5.05	30	1	C7013	Large crucible, TC/EA	Graphite
5.9	30	1	C7014	Extra large crucible for 9 mm ID glassy carbon tubes	Graphite
6	40	1	C7019	Hexagonal crucible, TC/EA, 7 mm ID glassy carbon tubes	Graphite
8	40	1	C7020	Octagonal crucible, TC/EA, for 9 mm ID glassy carbon tubes	Graphite
12	170	1	C3061	Ash crucible	Graphite
12	200	1	C7018	Ash finger - high temp, Pyrocube	Glassy carbon
18	15	10	E2388	Micro porous crucible	Ceramic
18	25	10	C4034	Crucible	Ceramic
22.5	60	1	C3063	Ash finger	Stainless steel
22.5	90	1	C3062	Ash finger	Stainless steel
23.5	60	1	C3031	Ash finger	Stainless steel
24.9	60	1	C3065	Ash crucible, rapid N exceed®	Stainless steel
26	41	50	C4039	Crucibles	Ceramic
29.0	106	10	C4071	Large crucible for liquid	Ceramic
29.5	46	5	C4073	Porous crucibles (small)	Ceramic
29.5	102	5	C4067	Porous crucible	Ceramic
29.5	102	10	C4065	Porous crucible	Ceramic

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