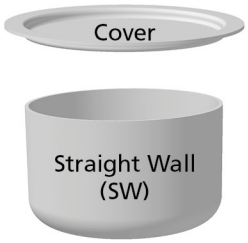
Nickel Crucibles [straight wall]

Highly resistant to the corrosive effects of the strongest alkalis



Nickel crucibles offer high resistance to dilute alkalis at a very low cost per crucible. The material is completely resistant to phosphoric acid and to the corrosive effects of the strongest alkalis. Nickel forms a tightly adhering oxide film at 400°C in oxidizing atmospheres at temperatures to 600°C. Life expectancy is from 4 to 6 fusions, making it an effective choice with regard to cost. Nickel is less than satisfactory when used for salt solutions containing oxidants such as ferric chloride or solutions of mineral acids containing oxidizing salts.

Nickel Straight Wall					Crucible		Cover	
Capacity ml	Outside Dia in.	Outside Dia mm	Depth in.	Depth mm	Part Number	Price Ea US $	Part Number	Price Ea US $
5	0.83	21	0.75	19	20-0005SW	$29.51	20-0005C	$9.48
10	1.07	27	0.87	22	20-0010SW	$29.51	20-0010C	$9.48
15	1.32	33	0.87	22	20-0015SW	$31.12	20-0015SC	$10.46
20	1.32	33	1.14	29	20-0020SW	$32.15	20-0015SC	$10.46
25	1.84	47	0.87	22	20-0025SW	$34.74	20-0025C	$12.31
35	1.84	47	1.14	29	20-0035SW	$35.91	20-0025C	$12.31
45	1.84	47	1.34	34	20-0045SW	$42.07	20-0025C	$12.31
55	1.84	47	1.60	41	20-0055SW	$46.89	20-0025C	$12.31
75	2.01	51	1.61	41	20-0075SW	$55.94	20-0075C	$22.88
100	2.34	59	1.77	45	20-0100SW	$72.42	20-0100C	$30.20
250	3.25	83	2.25	57	20-0250SW	$129.03	20-0250C	$58.74
500	4.09	104	2.49	63	20-0500SW	$206.68	20-0500C	$85.40
1000	5.00	127	3.51	89	20-1000SW	$280.64	20-1000SC	$112.89
1500	6.00	152	3.90	99	20-1500SW	$381.58	20-1000LC	$147.87
Above sizes and capacities approximate.					Standard thickness .037"			

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Prices may be subject to change without notice.

TANTALUM NIOBIUM ZIRCONIUM VANADIUM TITANIUM TUNGSTEN NICKEL INCONEL COPPER

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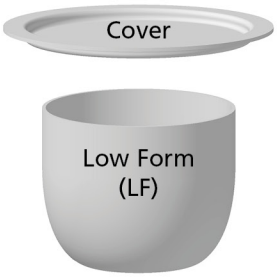
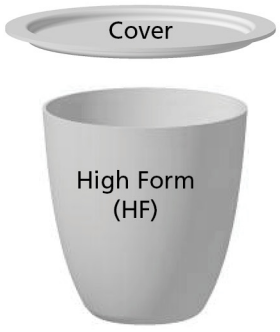
Nickel Crucibles [Low & High Form]

(continued from previous page)



Nickel Low Form							Crucible		Cover	
Cap. ml	Top Dia in.	Top Dia mm	Bottom Dia in.	Bottom Dia mm	Depth in.	Depth mm	Part Number	Price EA US $	Part Number	Price EA US $
15	1.41	36	1.26	32	0.90	23	20-0015LF	$30.05	20-0015LC	$10.56
20	1.41	36	1.27	32	1.27	32	20-0020LF	$31.05	20-0015LC	$10.56
25	1.85	47	1.58	40	0.90	23	20-0025LF	$33.54	20-0025C	$12.43
35	1.85	47	1.58	40	1.18	30	20-0035LF	$34.67	20-0025C	$12.43
45	1.85	47	1.58	40	1.38	35	20-0045LF	$40.62	20-0025C	$12.43
55	1.85	47	1.58	40	1.64	42	20-0055LF	$45.27	20-0025C	$12.43
75	2.02	51	1.75	44	1.67	42	20-0075LF	$54.02	20-0075C	$23.10
100	2.34	59	2.07	53	1.81	46	20-0100LF	$69.93	20-0100C	$30.48
250	3.27	83	2.83	72	2.36	60	20-0250LF	$124.60	20-0250C	$59.30
500	4.01	102	3.51	89	2.61	66	20-0500LF	$199.57	20-0500C	$86.26
1000	6.00	152	5.67	144	3.75	95	20-1000LF	$271.00	20-1000LC	$149.28
1500	6.00	152	5.67	144	3.90	99	20-1500LF	$368.46	20-1000LC	$149.28
Above sizes and capacities approximate.							Standard thickness .037"			



Nickel High Form							Crucible		Cover	
Cap. ml	Top Dia in.	Top Dia mm	Bottom Dia in.	Bottom Dia mm	Depth in.	Depth mm	Part Number	Price EA US $	Part Number	Price EA US $
20	1.54	39	0.96	24	1.38	35	20-0020HF	$32.04	20-0020HC	$15.79
30	1.68	43	1.09	28	1.72	44	20-0030HF	$37.35	20-0030HC	$24.61
50	1.76	45	1.32	34	2.00	51	20-0050HF	$45.95	20-0050HC	$24.61
75	2.13	54	1.52	39	2.21	56	20-0075HF	$56.71	20-0075HC	$34.55
100	2.41	61	1.55	39	2.36	60	20-0100HF	$73.46	20-0100HC	$45.33
150	2.81	71	1.59	40	2.64	67	20-0150HF	$119.35	20-0150HC	$55.45
250	3.32	84	2.01	51	2.89	73	20-0250HF	$130.75	20-0250HC	$88.24
500	4.00	102	2.52	64	3.45	88	20-0500HF	$209.26	20-0500HC	$118.73
Above sizes and capacities approximate.							Standard thickness: 20 – 100 ml: 0.021" / 150 – 500 ml: 0.037"			

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