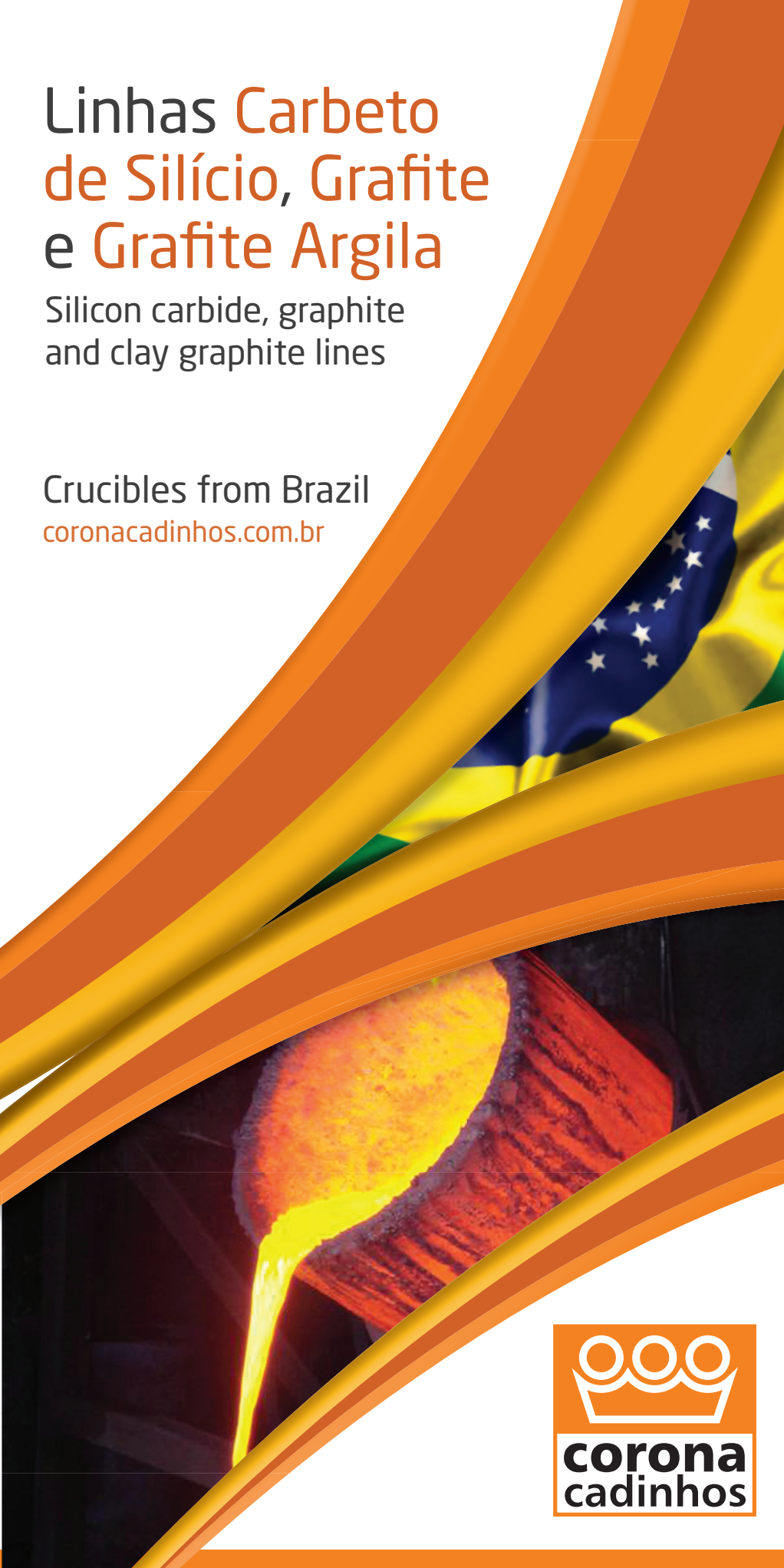


Linhas Carbetto de Silício, Grafite e Grafite Argila

Silicon carbide, graphite
and clay graphite lines

Crucibles from Brazil

coronacadinhos.com.br





coronacadinhos.com.br

A Corona Cadinhos atenta ao mercado de fundição, através de sua equipe técnica, dinâmica e altamente treinada, oferece a melhor solução à sua necessidade. Entre em contato e comprove.

DIFERENCIAL CORONA CADINHOS:

- Produtividade com o Melhor Custo-Benefício
- Soluções Inteligentes e Sob Medida
- Suporte Técnico

Corona Cadinhos offers the best solutions to meet the foundry market demands through its technical, dynamic and highly qualified team.

Contact us and check this out.

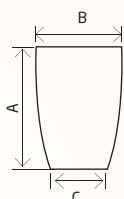
CORONA'S DIFFERENTIALS:

- *Productivity with excellent cost-benefit relationship*
- *Intelligent Solutions*
- *Technical Support*

Linha Carbetto de Silício

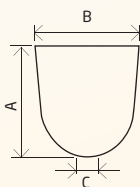
Silicon Carbide Line

Tipo A type A



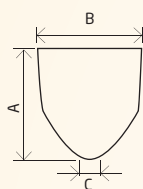
	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
A 1	95	75	52	0.4	1.4	0.18
A 2	112	98	71	0.9	2.9	0.37
A 3	132	100	71	1.1	3.7	0.47
A 4	140	116	80	1.6	5.2	0.66
A 5	150	118	80	1.7	5.6	0.72
A 6	170	136	95	2.6	8.5	1.08
A 8	186	138	95	3	9.8	1.25
A 10	197	162	110	4.3	14	2
A 13	220	165	110	5	16	2
A 16	230	195	133	7.8	26	3
A 20	250	198	133	9	29	4
A 25	247	221	158	10	33	4
A 30	302	224	158	13	43	6
A 40	318	248	178	17	57	7
A 50	338	252	178	19	62	8
A 60	352	284	200	25	83	11
A 70	392	291	200	29	94	12
A 80	375	323	230	35	114	15
A 100	419	324	230	41	134	17
A 120	424	354	250	47	153	20
A 150	482	357	250	54	177	23
A 200	521	415	285	86	283	36
A 250	580	419	285	97	318	41
A 300	570	449	328	111	366	47
A 400	663	504	305	156	515	66
A 500	671	533	338	174	574	73
A 600	730	540	338	194	641	82

Tipo B type B



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	LITROS LITERS
B 135	530	518	320	142	60
B 175	620	520	320	172	72
B 180	680	521	320	190	80
B 190	740	525	320	211	89
B 200	504	600	345	191	81
B 250	639	610	345	165	112
B 300	557	770	440	356	150
B 315	681	610	345	272	115
B 330	791	613	345	331	140
B 335	900	615	345	387	162
B 340	1000	620	345	444	186
B 345	1040	625	345	464	195
B 350	635	770	440	425	179
B 400	689	773	440	430	182
B 450	747	774	440	543	229
B 500	801	774	440	571	241
B 600	899	775	440	615	259
B 700	1000	775	440	682	286
B 800	1020	776	440	712	300
B 900	1040	778	440	735	308

Tipo *type* BY



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER
BY 500	520	720	305	252	106
BY 600	580	726	305	298	125
BY 800	690	728	305	367	154
BY 850	810	735	305	463	194
BY 900	650	825	350	430	180
BY 1000	690	840	350	471	198
BY 1100	758	848	350	543	228
BY 1500	865	858	350	650	273
BY 1600	890	862	350	696	292
BY 1800	930	875	350	730	307
BY 1900	1000	875	350	818	343
BY 1950	1020	882	350	853	358
BY 2000	1040	884	350	876	368

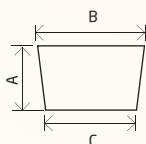
Tipo *type* C



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
C 200	618	373	256	81	267	34
C 300	678	442	290	116	381	49
C 400	778	444	290	135	444	57
C 500	938	448	290	175	578	74
C 800	973	560	380	311	1024	131

Base Cilíndrica

Cylindrical Stands



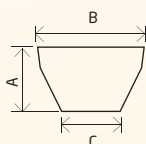
	A (mm)	ØB (mm)	MODELO/MODEL
S 1	70	234	*
S 2	70	251	*
S 3	70	300	*
S 4	70	320	*
S 5	100	240	*
S 6	100	251	*
S 7	100	296	*
S 8	100	314	*
S 9	150	240	*/**
S 10	150	251	*/**
S 11	150	295	*/**
S 12	150	314	*/**
S 13	200	240	*/**
S 14	200	251	*/**
S 15	200	295	*/**
S 16	200	315	*/**
S 21	90	370	*
S 22	70	430	*
S 23	100	440	*
S 24	60	369	*
S 25	60	320	*
S 26	150	370	*
S 27	50	368	*
S 28	100	370	*
S 29	200	370	*/**
S 30	50	430	*
S 31	100	430	*
S 33	50	440	*
S 35	200	440	*/**
S 36	40	300	*
S 47	120	440	*

** Com cavidade / with cavity

* Maciça / Solid

Base Cônica

Conical Stands



	A (mm)	ØB (mm)	ØC (mm)	MODELO/MODEL
S 17	150	373	320	*/**
S 18	220	373	290	*/**
S 19	170	439	370	*/**
S 20	260	439	330	*/**
S 54	130	350	330	*

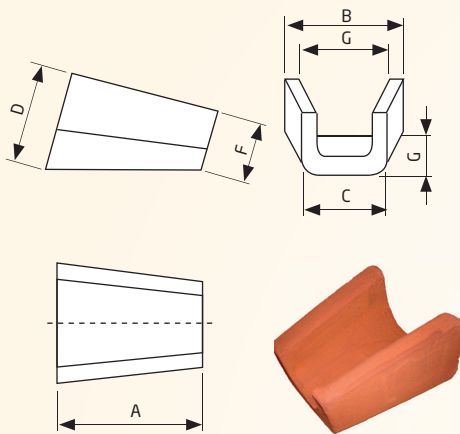
** Com cavidade / with cavity

* Maciça / Solid

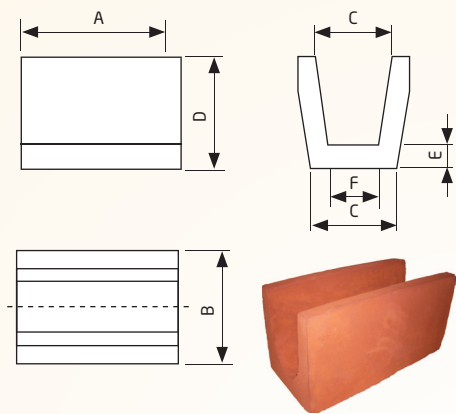
Bicos de Carbeto de Silício

Silicon Carbide Spouts

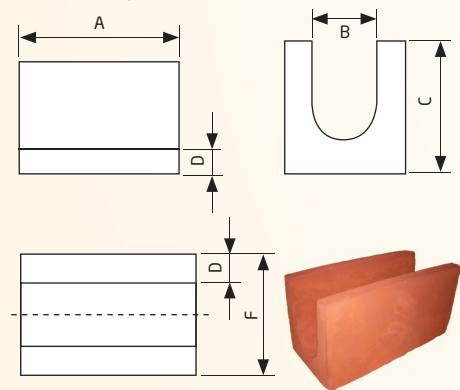
Bico 01 / Spout 01
Bico 06 / Spout 06
Bico 08 / Spout 08



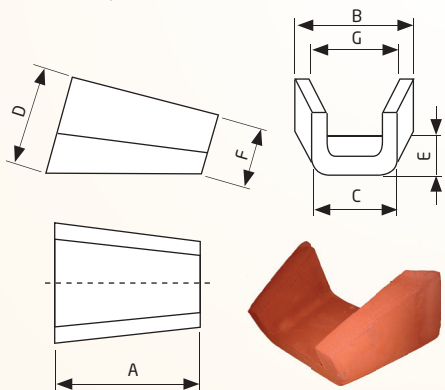
Bico 02 / Spout 02
Bico 03 / Spout 03



Bico 04 / Spout 04
Bico 07 / Spout 07



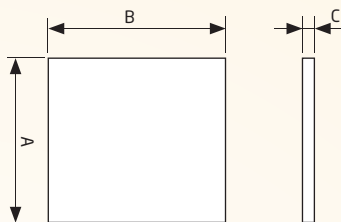
Bico 05 / Spout 05



TIPO / TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
Bico 1 / Spout 1	200	160	120	135	50	80	100
Bico 2 / Spout 2	465	281	133	302	95	102	223
Bico 3 / Spout 3	465	275	130	265	54	102	223
Bico 4 / Spout 4	490	155	250	55	40	230	-
Bico 5 / Spout 5	220	330	210	180	50	90	210
Bico 6 / Spout 6	305	180	115	145	65	95	120
Bico 7 / Spout 7	340	50	150	30	30	120	-
Bico 8 / Spout 8	325	142	110	95	45	80	82

Placa de Carbeto de Silício

Silicon Carbide Plate

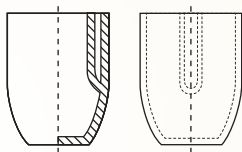


TIPO / TYPE	A (mm)	B (mm)	C (mm)
Placa 01 / Plate 01	590	625	45
Defletora 01 / Deflector 01	545	150	45

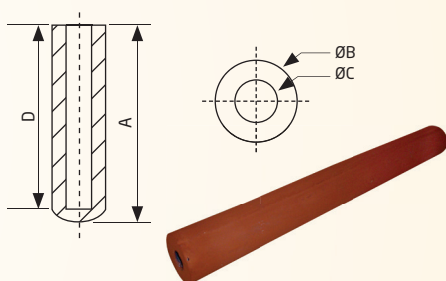
Protetor para Termopar e Cadinho com Protetor ou Furo para Termopar

Thermocouple Protection and Crucibles fitted with Thermocouple Protection or Hole

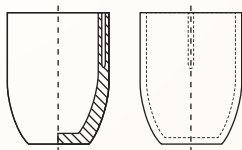
Proteção / Protection



Protetor para Termopar / Thermocouple Protection



Furo / Hole



TIPO / TYPE	A (mm)	ØB (mm)	ØC (mm)	D (mm)
PY 050	Max. 1000	52	21	485
PY 1000	1000	52	21	965 max.

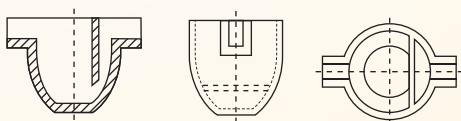
Cadinhos para filtragem

Filtering Crucibles

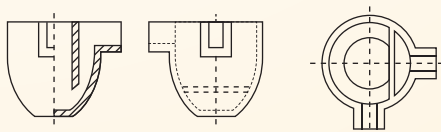
Cimento

Cement

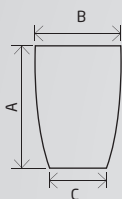
Filtragem 180° / Filtration 180°



Filtragem 90° / Filtration 90°

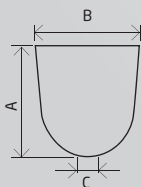
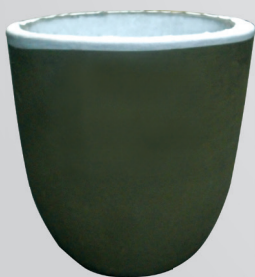


Tipo **GA**^{*} type



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
GA 1	90	89	55	0.3	1.1	0.1
GA 2	110	102	65	0.7	2.3	0.3
GA 3	130	120	75	1.5	4.9	0.6
GA 4	140	115	75	1.6	5.3	0.7
GA 5	150	120	75	1.8	5.8	0.7
GA 6	165	135	90	2.6	8.7	1
GA 8	180	160	106	4	13	2
GA 10	200	170	116	5	17	2
GA 13	220	165	128	6	20	3
GA 16	230	200	140	9	31	4
GA 20	255	210	140	10	32	4
GA 25	260	215	140	11	37	5
GA 30	290	250	153	13	42	5
GA 40	310	260	153	15	48	6
GA 50	330	265	195	20	67	9
GA 60	345	300	220	30	99	13
GA 70	360	305	220	32	105	13
GA 80	375	300	220	31	102	13
GA 100	410	300	230	33	109	14
GA 120	430	355	240	42	139	18
GA 150	480	355	240	54	176	23
GA 200	521	402	290	75	248	32
GA 250	580	404	290	87	286	37
GA 300	570	432	326	98	323	41
GA 400	660	524	350	166	547	70
GA 500	675	524	350	173	571	73
GA 600	730	554	386	242	798	102
GA 800	805	560	386	275	907	116

Tipo **GB**^{*} type



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	LITROS LITERS
GB 135	530	538	316	147	62
GB 175	620	548	316	172	73
GB 180	690	529	320	177	75
GB 190	745	530	320	189	80
GB 200	504	620	380	191	81
GB 250	640	617	380	266	113
GB 300	565	774	420	297	125
GB 315	691	636	360	289	122
GB 330	800	635	360	321	136
GB 350	648	784	420	370	156
GB 370	775	740	400	348	146
GB 380	900	576	380	349	147
GB 400	700	790	420	417	176
GB 450	758	796	420	469	198
GB 500	805	792	420	500	210
GB 600	905	813	420	599	252
GB 700	1000	827	420	634	268
GB 800	1020	828	420	650	275
GB 900	1040	829	420	667	282
GB 1000	1060	830	420	681	288
GB 1200	1050	1000	400	828	350

Linha Grafite / Argila

Clay Graphite Line

Tipo GC*



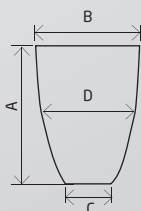
	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
GC 200	620	430	280	90	295	38
GC 300	680	435	280	110	363	46
GC 400	780	430	300	142	467	59
GC 500	940	440	300	144	476	60
GC 800	970	545	370	306	1006	129

Tipo GI*



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
GI 40	320	162	157	7.10	23.5	3
GI 60	420	235	230	11.8	39	5
GI 70	432	265	260	21	70	9
GI 150	460	312	312	50	165	21
GI 200	600	396	391	96.5	319	41
GI 250	670	396	39	109	360	46
GI 400	762	445	440	147	485	62
GI 450	710	465	460	152	503	64
GI 500	660	482	482	194	641	82
GI 700	705	540	540	246	820	107
GI 900	890	540	540	315	1054	137
GI 1000	810	610	610	361	1200	157
GI 1200	965	662	655	450	1485	190

Tipo GR*



	A (mm)	ØB (mm)	ØC (mm)	ØD (mm)	ALUMÍNIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
GR 100	435	295	255	340	36	105	15
GR 150	480	350	265	370	71	210	30
GR 225	520	395	310	445	94	280	40

* «todos os cadinhos em grafite argila podem ser fabricadas com formulação de indução de alta e baixa frequência.»

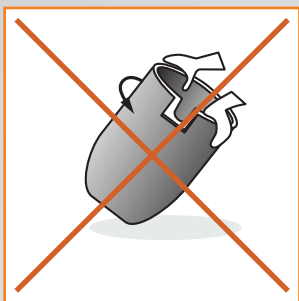
* «all Clay graphite crucibles can be produced with high and low frequency induction formulation.»

 baixa frequência - até 1.000 htz.
Low frequency - up to 1,000 htz.

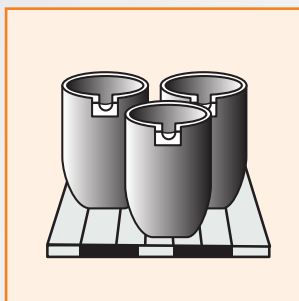
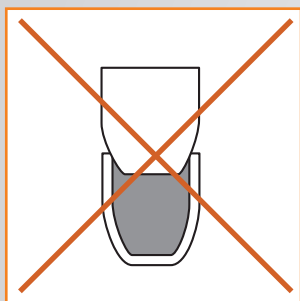
 alta frequência - acima de 1.000 htz.
High frequency - above 1,000 htz.

«medidas nominais sujeitas a variações de processo»
Nominal measurements subject to process variations.

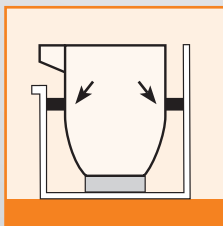
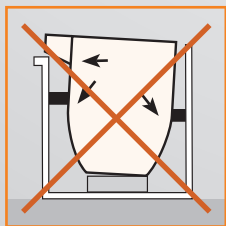
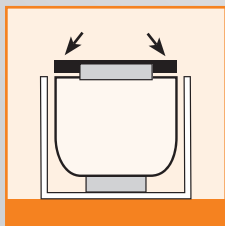
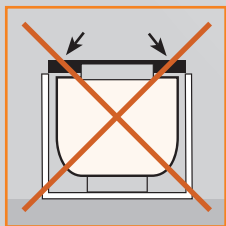
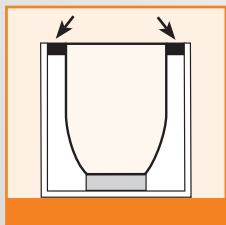
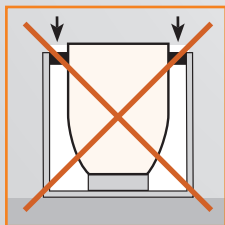
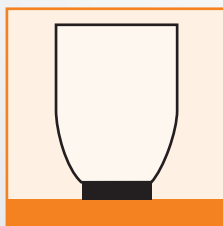
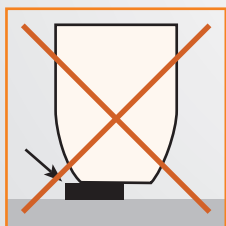
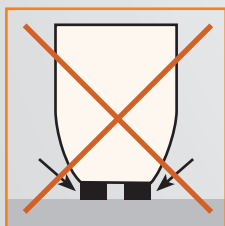
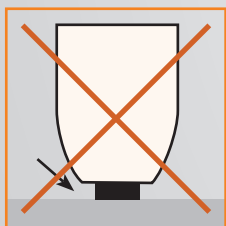
1 Manusear / Handle



2 Estoque / Store



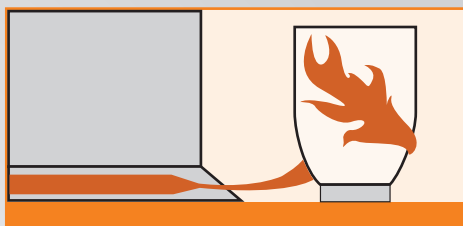
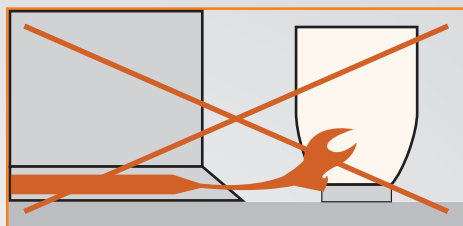
3 Instalar / Place



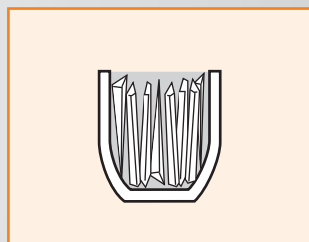
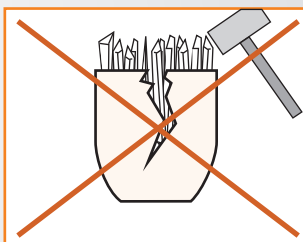
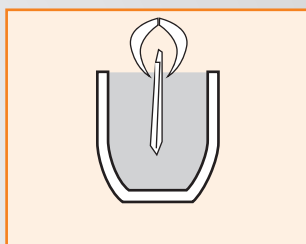
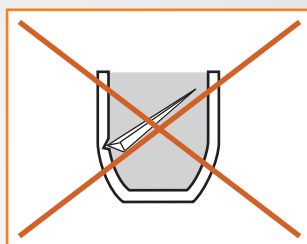
7 Procedimentos corretos que garantem a durabilidade do seu cadinho Corona

7 correct procedures to guarantee your Corona Crucible durability

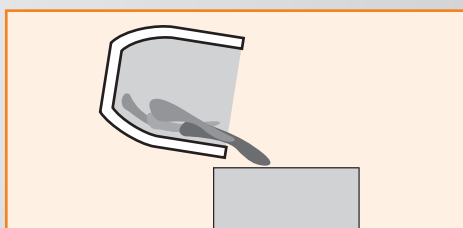
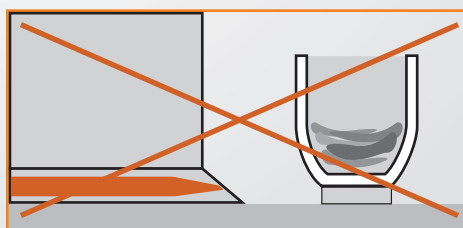
4 Direcionar a chama / *Direct the flame*



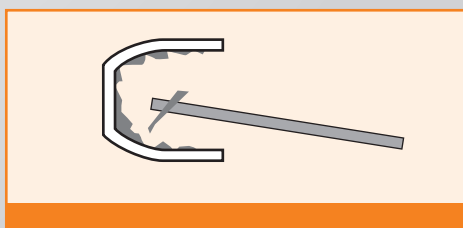
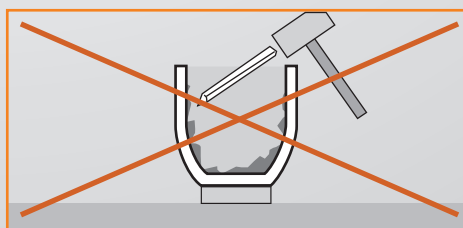
5 Carregar / *Fill in*



6 Vazar / *Discharge*



7 Limpar / *Clean*



Informações técnicas

Cadinhos

Os cadinhos Corona são indicados para os seguintes fornos:

Forno Furnace	Carvão Coal	Gás Gas	Óleo Oil	Resist. Elétrica Electric Resist.	Indução Induction
Cadinho Crucible					
Grafite / Graphite	✓	✓	✓		
Carbeto / Carbide	✓	✓	✓	✓	
Argila / Clay Graphite	✓	✓	✓	✓	✓

Os cadinhos Corona são ideais para fundir metais não ferrosos, tais como: Cobre, Zamack, Alumínio, Latão e Bronze.

Bases

A Corona dispõe de dois formatos: cônico e cilíndrico. Ambos podem ser utilizados em qualquer tipo de forno. Um disco de papelão apropriado para a montagem cadinho/base acompanha todas as bases Corona.

Recomendações: Para fornos basculantes, o disco de papelão deve ser retirado. O diâmetro maior da base deve ser maior ou igual ao diâmetro externo do fundo do cadinho, nunca menor.

Bicos

Os bicos podem ser fixados aos cadinhos formando um ângulo entre eles de 180° ou 90° e conforme solicitação do cliente.

Disposição geral

Todos os modelos de cadinhos são utilizados até a temperatura máxima de 1200°C. Para temperaturas acima do indicado, solicitar formulação "F" que resistem até 1300°C.

Para uso excessivo de produtos químicos, recomendamos a linha de Grafite Argila.

Projetos especiais: consulte nosso departamento técnico.



Certificado referente a linha de Carbeto de Silício e Grafite/Argila

Technical information

Crucibles

Corona crucibles are suitable for the following furnaces:

Stands

Corona supplies stands in two different shapes: conical and cylindrical. Both can be used in any type of furnace. A cardboard ring, appropriate for the setting of crucibles/stands, is supplied together with all Corona stands.

Recommendation: For tilting furnaces, the cardboard ring should be removed. The stand diameter should be larger than or equal to the external diameter of the crucible bottom, but never smaller.

Spouts

The spouts can be fixed to the crucible at an angle between 180°C or 90°C as requested by the customer.

Additional information

All types of crucibles are used up to the maximum temperature of 1200°C. For temperatures higher than that, the customer should ask for formulation "F" which resist to temperatures up to 1300°C.

In case of excessive use of chemicals, we recommend the Clay Graphite line.

Special projects: Contact our technical department.