

Informaciones técnicas

Technical information

Crisoles

Los crisoles Corona son indicados para los siguientes hornos:

HORNO Furnace	Carbón Coal	Gas Gas	Diesel Oil	Resist. Eletrica Electric Resist.	Indução Induction
Crisol Crucible					
Grafito / Graphite	✓	✓	✓		
Carburo / Carbide	✓	✓	✓	✓	
Arcilla / Clay Graphite	✓	✓	✓	✓	✓

Los crisoles Corona son ideales para fundir metales no ferrosos, tal cual: Cobre, Zamac, Aluminio, Latón y Bronce.

Crucibles

Corona crucibles are suitable for the following furnaces:

Corona Crucibles are ideal for nonferrous metal casting, such as: Copper, Zamack, Aluminum, Brass and Bronze.

Bases

Corona dispone de dos modelos: conico y cilindrico. Ambos pueden ser utilizados en cualquier tipo de horno. Un disco de carton apropiado para la montar su crisol/base acompaña todas las bases Corona.

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.

Recomendaciones: Para hornos basculantes, el disco de carton debe ser sacado. El diámetro superior de la base debe ser mayor o igual a diámetro externo del fondo del crisol, nunca menor.

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.

Picos

Los Picos pueden ser fijados a los crisoles formando un angulo entre ellos de 180° o 90° y conforme solisicitude del cliente.

Spouts

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

Disposición general

Todos los modelos de crisoles son utilizados hasta la temperatura máxima de 1200°C. Para temperaturas arriba del indicado, requerir formulación "F" que resisten hasta 1300°C.

Para uso excesivo de productos químicos, recomendamos la línea de Grafito Arcilla.

Proyectos especiales: consultar nuestro cuerpo técnico.

Additional information

All types of crucibles are used until 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.



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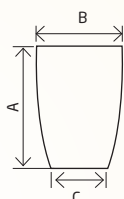



Outubro/2013

Linha Carbetto de Silício

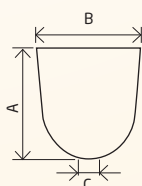
Silicon Carbide Line


Tipo A type A



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINIUM (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

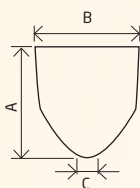
Tipo B type B



	A (mm)	ØB (mm)	ØC (mm)	ALUMÍNIO ALUMINIUM (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

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

Tipo BY type



	A (mm)	ØB (mm)	ØC (mm)	ALUMINIO 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 C type



	A (mm)	ØB (mm)	ØC (mm)	ALUMINIO 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

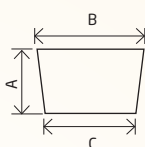
04 «medidas nominales someter a variaciones de proceso»
Nominal measurements subject to process variations.


Línea Carburo de Silício

Silicon Carbide Line

Base Cilíndrica

Cylindrical Stands



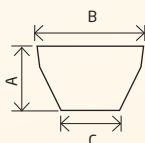
	A (mm)	ØB (mm)	MODELO/MODEL
S 1	70	234	*
S 2	70	251	*
S 3	70	300	*
S 4	70	320	*
S 5	100	240	*
S 6	100	251	*
S 7	100	296	*
S 8	100	314	*
S 9	150	240	*/**
S 10	150	251	*/**
S 11	150	295	*/**
S 12	150	314	*/**
S 13	200	240	*/**
S 14	200	251	*/**
S 15	200	295	*/**
S 16	200	315	*/**
S 21	90	370	*
S 22	70	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 Cónica

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	*

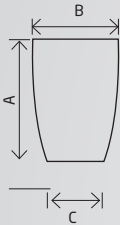
** Com cavidade / with cavity


* Maciça / Solid

«medidas nominais sujeitas a variações de processo»
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Tipo GA*

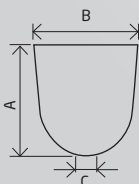
type




	A (mm)	ØB (mm)	ØC (mm)	ALUMINIO 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)	ALUMINIO 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


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Nominal measurements subject to process variations.

Línea Grafito-Arcilla

Clay Graphite Line


Tipo GC*



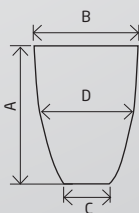
	A (mm)	ØB (mm)	ØC (mm)	ALUMINIO ALUMINUM (KG)	COBRE COPPER	LITROS LITERS
GC 200	620	430	280	90	295	38
GC 300	680	435	280	110	363	46
GC 400	780	430	300	142	467	59
GC 500	940	440	300	144	476	60
GC 800	970	545	370	306	1006	129


Tipo GI*



	A (mm)	ØB (mm)	ØC (mm)	ALUMINIO 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)	ALUMINIO 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 los crisoles en grafito arcilla pueden ser fabricados con fórmula de inducción de alta y baja frecuencia.»

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

 baja frecuencia - hasta 1.000 htz.

Low frequency - up to 1,000 htz.

 alta frecuencia - arriba de 1.000 htz.

High frequency - above 1,000 htz.

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