



Silicon
Carbide
Crucibles
Platinum Brand Crucibles

Clay
Graphite
Century Crucibles
Isostatic Advance Technology



FOR OVERSEAS MARKET



Zircar Refractories Ltd.
Formerly Zircar Crucibles Private Limited

PRODUCT WITH A CUTTING EDGE

A-Shape Crucibles (Small)

For Over Lift Out and Bale Out Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
ACX-16	232	195	140	3.75	29.15
ACX-18	240	195	140	3.90	30.25
ACX-20	255	195	140	4.20	32.75
ACX-22	240	210	140	4.30	34.00
ACX-23	250	210	140	4.50	35.50
ACX-25	260	227	150	5.45	41.75
ACX-27	270	227	150	5.75	44.00
ACX-29	285	227	150	6.15	48.43
ACX-30	290	227	150	6.30	48.00
ACX-35	290	255	150	7.65	59.00
ACX-40	310	265	180	8.60	65.25
ACX-42	312	274	180	9.30	69.00
ACX-45	330	265	180	9.30	71.00
ACX-50	327	274	180	9.90	72.75
ACX-51	340	265	180	9.70	73.25
ACX-52	355	265	180	10.20	76.50

A-Shape Crucibles (Small)

For Over Lift Out and Bale Out Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
ACX-54	340	275	180	10.30	76.75
ACX-57	362	275	180	11.25	82.75
ACX-60	345	285	190	11.00	83.50
ACX-65	340	294	195	11.20	86.50
ACX-70	360	294	195	12.10	90.50
ACX-75	375	294	195	12.70	100.01
ACX-78	402	294	195	13.90	102.50
ACX-80	375	305	200	14.30	112.61
ACX-90	385	325	205	16.75	128.00
ACX-100	400	325	205	17.60	134.00
ACX-105	420	325	205	18.70	147.26
ACX-110	425	325	205	19.00	143.75
ACX-120	410	345	235	20.25	153.50
ACX-130	425	345	235	21.10	161.50
ACX-132	418	355	205	20.90	162.00

Note

1. Dimensions shown are nominal and subject to manufacturing tolerances.
2. Our Crucibles are Tailor-made for Ferrous and Nonferrous applications. Please mention the name of metal and type of furnace in order to serve you better.
3. Working Capacities are approximate and calculated on Brass Sp. Gr. of 8.75 and Aluminium Sp. Gr. of 2.7 having 90% of Brimful Capacity.
4. Accessories like Stands, Muffle Rings and Covers also available.

A-Shape Crucibles (Big)

For Over Lift Out and Bale Out Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
ACX-140	452	356	205	23.00	181
ACX-145	425	381	210	24.00	189
ACX-150	450	382	210	26.00	205
ACX-175	475	383	210	27.50	217
ACX-180	488	384	210	28.50	224
ACX-185	505	385	210	29.80	235
ACX-190	520	385	210	31.00	244
ACX-195	535	385	210	32.20	254
ACX-200	500	413	225	34.00	268
ACX-250	525	414	225	36.25	285
ACX-275	510	442	225	38.00	299
ACX-276	545	400	285	36.50	287
ACX-277	610	385	210	38.00	299
ACX-280	550	415	225	38.50	303
ACX-285	520	443	225	39.00	307
ACX-300	540	443	225	41.00	323
ACX-305	600	417	225	43.00	339
ACX-325	560	444	225	43.00	339
ACX-335	600	445	225	47.35	373
ACX-340	615	445	225	49.00	386
ACX-345	650	445	225	52.00	410
ACX-350	590	482	280	59.50	469
ACX-375	615	483	280	63.00	496
ACX-400	600	513	300	66.50	524

A-Shape Crucibles (Big)

For Over Lift Out and Bale Out Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
ACX-450	670	484	280	70.56	552
ACX-475	705	485	280	74.00	583
ACX-500	650	515	300	74.00	583
ACX-550	680	540	300	82.50	650
ACX-575	665	540	300	87.00	685
ACX-590	710	540	300	87.50	689
ACX-600	683	540	300	90.00	709
ACX-670	715	541	300	95.00	748
ACX-671	660	580	345	93.00	732
ACX-672	730	542	300	96.50	760
ACX-675	770	542	300	103.00	811
ACX-680	705	581	345	102.00	803
ACX-800	815	543	300	109.00	858
ACX-810	730	582	345	107.00	843
ACX-825	765	582	345	113.00	890
ACX-850	800	583	345	119.00	937
ACX-875	815	583	345	122.00	961
ACX-900	835	584	345	126.00	992
ACX-925	850	584	345	129.00	1016
ACX-1000	825	624	355	150.00	1181
ACX-1200	880	624	355	162.00	1276
ACX-1500	900	780	355	253.00	1992
ACX-1800	1030	781	355	298.00	2347

Note

1. Dimensions shown are nominal and subject to manufacturing tolerances.
2. Our Crucibles are Tailor-made for Ferrous and Nonferrous applications. Please mention the name of metal and type of furnace in order to serve you better.
3. Working Capacities are approximate and calculated on Brass Sp. Gr. of 8.75 and Aluminium Sp. Gr. of 2.7 having 90% of Brimful Capacity.
4. Accessories like Stands, Muffle Rings and Covers also available.

Basin-Shape Crucibles

For Bale Out Furnaces

Size	Comparative Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Aluminium working Capacity Approx. (kgs.)
			Top (mm)	Bottom (mm)		
BUCX-35	BC-173	345	402	225	20.50	50
BUCX-50	BC-174	395	406	225	24.50	60
BUCX-60	BC-176	435	409	225	27.80	67
BUCX-75	BC-164	375	473	280	33.50	81
BUCX-76	-	380	528	300	40.00	97
BUCX-77	-	425	530	300	47.50	115
BUCX-100	BC-166	410	529	300	47.80	116
BUCX-125	BC-167	450	530	300	54.00	131
BUCX-126	-	450	530	300	52.00	126
BUCX-127	-	488	531	300	58.50	142
BUCX-130	-	450	570	345	61.50	149
BUCX-150	BC-168	500	532	300	62.30	151
BUCX-175	BC-169	550	534	300	70.00	170
BUCX-200	BC-171	607	537	300	79.50	193
BUCX-210	BC-177	620	538	300	81.00	197
BUCX-215	BC-202	500	615	355	81.00	197
BUCX-250	BC-302	640	616	355	108.00	262
BUCX-300	BC-401	710	618	355	123.80	301
BUCX-310	-	590	720	380	151.00	367
BUCX-350	BC-402	810	624	355	146.50	356
BUCX-375	-	850	624	355	153.80	374
BUCX-386	-	685	720	380	160.00	389
BUCX-400	BC-502	900	625	355	164.00	399
BUCX-422	-	735	720	380	175.50	426
BUCX-450	BC-724	800	720	380	192.50	468
BUCX-500 SH	-	555	773	355	130.50	317

Basin-Shape Crucibles

For Bale Out Furnaces

Size	Comparative Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Aluminium working Capacity Approx. (kgs.)
			Top (mm)	Bottom (mm)		
BUCX-500	BC-247	755	777	355	203.00	493
BUCX-500 E	-	755	777	355	208.00	505
BUCX-550	-	830	778	355	223.50	543
BUCX-575	BC-719	950	720	380	238.50	580
BUCX-600	BC-263	905	780	355	258.00	627
BUCX-601	-	900	777	460	266.40	647
BUCX-650	BC-263	1000	780	355	289.00	702
BUCX-700	BC-264	1035	780	355	302.00	734
BUCX-725	-	850	882	380	280.50	682
BUCX-750	-	880	882	380	295.00	717
BUCX-750 B	-	880	947	400	343.00	833
BUCX-800	-	1000	884	380	350.50	852
BUCX-800 E	-	1000	884	380	379.00	921
BUCX-800 B	-	1000	951	400	405.50	985
BUCX-900	-	1100	885	380	394.50	959
BUCX-900 B	-	1100	952	400	458.50	1114
BUCX-1000 E	-	1150	885	380	417.50	1014
BUCX-1000	-	1170	885	380	427.00	1038
BUCX-1000 B	-	1170	954	400	498.00	1210
BUCX-1100	-	1250	885	380	463.50	1126
BUCX-1300 B	-	1250	955	400	543.00	1319
BUCX-1350 B	-	1350	955	400	596.50	1449
BUCX-700 U	-	560	866	380	155.00	377
BUCX-800 U	-	605	870	380	174.00	423
BUCX-900 U	-	650	875	380	195.00	474
BUCX-1000 U	-	710	878	380	219.00	532
BUCX-1025 U	-	750	880	380	238.00	578

TPC Crucibles (Without Spout)

For Overtop Crucibles for Tilting Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
TPCX-901	760	295	195	28.50	224
TPCX-389	690	346	235	36.50	287
TPCX-904	915	347	235	49.50	390
TPCX-5	680	421	225	48.50	382
TPCX-6	680	445	225	56.00	441

TPC Crucibles (Without Spout)

For Overtop Crucibles for Tilting Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
TPCX-8	810	453	280	70.00	551
TPCX-10	950	456	280	85.00	669
TPCX-14	1015	456	280	92.00	725
TPCX-15	980	545	300	132.00	1040
TPCX-830	1190	546	300	166.00	1307

TPC Crucibles (With Spout) For Tilting Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
TPCX-254	430	265	180	11.00	87.00
TPCX-173	490	295	195	15.00	118.00
TPCX-722	565	326	205	23.80	187.00
TPCX-95	410	345	235	17.50	138.00
TPCX-184	590	356	205	28.50	224.00
TPCX-175 LS	475	383	210	24.00	189.00
TPCX-400 S	615	346	235	29.00	228.00
TPCX-400	610	385	210	34.00	268.00
TPCX-723	640	385	210	36.30	285.00
TPCX-196	780	386	210	47.30	372.00
TPCX-575	665	540	300	79.20	624.00
TPCX-600	810	386	210	49.80	392.00
TPCX-843 S	680	421	225	44.00	347.00
TPCX-843	680	445	225	50.50	398.00
TPCX-274	720	452	280	55.50	437.00
TPCX-982	810	453	280	64.50	508.00
TPCX-12	950	456	280	79.50	626.00
TPCX-12 S	845	453	280	68.00	535.00
TPCX-89 S	740	542	300	90.00	709.00
TPCX-13	815	543	300	102.00	803.00
TPCX-89	800	583	345	113.50	894.00
TPCX-89 H	900	584	345	129.00	1016.00
TPCX-16	980	545	300	124.00	977.00

TPC Crucibles (Spouted Basin) For Tilting Furnaces

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Aluminium working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
TPCX-287	607	537	300	71.00	173
TPCX-387	640	616	355	97.00	236
TPCX-412	810	624	355	135.00	328
TPCX-413	825	624	355	139.00	337
TPCX-412H	900	625	355	153.00	371
TPCX-587	905	780	355	240.00	582
TPCX-588	900	777	460	247.40	600
TPCX-587 H	1000	780	355	270.00	656
TPCX-650	1035	780	355	283.00	688
TPCX-700	1100	784	355	307.00	746
TPCX-750	880	882	380	270.50	657
TPCX-800	1000	884	380	326.00	792
TPCX-800 B	1000	951	400	378.00	919
TPCX-900 B	1100	952	400	431.00	1047
TPCX-1000 E	1150	885	380	393.50	956
TPCX-1000	1170	885	380	403.00	979
TPCX-1025 U	750	880	380	213.50	519
TPCX-1100	1250	885	380	440.00	1069

Cylindrical Crucibles For Induction Furnaces

Size	Comparative Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Brass working Capacity Approx. (kgs.)
			Top (mm)	Bottom (mm)		
CCX-1780	-	170	100	100	0.65	5.00
CCX-1114	-	190	110	110	0.95	7.00
CCX-323	EC323	320	165	165	4.00	32.00
CCX-175	EA323	310	175	175	4.50	35.00
CCX-1606	EC1606	315	225	225	7.00	55.00
CCX-1601	EC1601	470	225	225	10.50	83.00
CCX-444	EC444	475	255	255	14.00	110.00
CCX-427	-	400	270	270	13.00	102.00
CCX-552	EC552	450	295	295	17.50	138.00
CCX-325	EC325	330	330	330	16.50	130.00
CCX-329	EC329	530	330	330	27.25	215.00
CCX-330	EC330	635	330	330	32.25	254.00
CCX-360	CY-359660	660	360	360	41.25	325.00
CCX-86	CYI-86	450	390	390	32.75	258.00
CCX-170	-	225	175	175	3.50	27.50
CCX-210	-	260	390	390	20.50	161.00
CCX-180	CY-390540	540	390	390	40.00	315.00
CCX-181	CY-390630	630	390	390	46.25	364.00
CCX-390	CY-390660	660	390	390	48.75	384.00
CCX-70	EC70	670	450	450	64.75	510.00
CCX-71	EC71	700	450	450	68.00	536.00
CCX-75	EC75	800	450	450	77.00	606.00

BCC Shape Crucibles

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)	Aluminium working Capacity Approx. (kgs.)
		Top (mm)	Bottom (mm)		
BCCX-725	850	850	450	296.00	719
BCCX-750	880	850	450	309.00	751
BCCX-800	1000	852	450	360.00	875
BCCX-900	1100	853	450	397.00	965
BCCX-950	1140	854	450	423.00	1028
BCCX-1000	1170	854	450	427.00	1038
BCCX-1100	1250	855	450	459.00	1115
BCCX-900 U	650	847	450	218.00	530
BCCX-1000 U	710	848	450	240.00	583
BCCX-1025 U	750	848	450	258.00	627

Note

1. Dimensions shown are nominal and subject to manufacturing tolerances.
2. Our Crucibles are Tailor-made for Ferrous and Nonferrous applications. Please mention the name of metal and type of furnace in order to serve you better.
3. Working Capacities are approximate and calculated on Brass Sp. Gr. of 8.75 and Aluminium Sp. Gr. of 2.7 having 90% of Brimful Capacity.
4. Accessories like Stands, Muffle Rings and Covers also available.