



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

AI Shape Crucibles (Small)

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
AI-0/04	57	52	40	0.05
AI-0/07	66	60	45	0.07
AI-0/16	80	76	50	0.17
AI-0/2	90	90	55	0.25
AI-1	95	92	65	0.28
AI-2	120	110	75	0.55
AI-3	135	120	80	0.75
AI-4	155	140	100	1.25
AI-4.1	140	115	75	0.70
AI-5	165	140	100	1.35
AI-5.1	150	125	85	0.90
AI-6	175	140	100	1.45
AI-8	180	155	105	1.75
AI-10	200	176	120	2.35
AI-12	210	176	120	2.50
AI-14	225	176	120	2.75
AI-15	245	176	120	3.05
AI-16	230	200	120	3.85
AI-16 L	240	212	130	4.15
AI-18	255	216	130	4.50
AI-18 L	280	216	130	5.15
AI-20	265	230	140	5.50

AI Shape Crucibles (Small)

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
AI-20 P	267	235	156	5.65
AI-25	280	230	140	6.00
AI-30.1	290	230	150	5.75
AI-30	280	255	165	7.50
AI-32	340	245	175	7.75
AI-32 S	325	245	175	7.25
AI-34	360	245	175	8.50
AI-35	300	268	185	8.50
AI-40	315	268	185	9.00
AI-41	330	268	185	9.50
AI-42	350	268	185	10.50
AI-50	340	290	195	11.25
AI-55	360	290	195	12.00
AI-60	375	290	195	12.75
AI-65	395	290	195	13.75
AI-70	385	325	210	14.25
AI-80	410	325	210	15.50
AI-85	430	325	210	16.50
AI-90	405	350	240	21.00
AI-100	410	350	240	21.25
AI-110	420	350	240	22.00
AI-120	435	350	240	22.75

We make both type of Isostatic Crucibles in all sizes under two different series.

Shape	Isostatic Clay- Graphite Crucibles	Isostatic SiC Crucibles
A	AI	ACI
B	BPI	BPCI
C	CI	CCI
TP	TPI	TPCI

Al Shape Crucibles (Big)

Size	Comparative Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
			Top (mm)	Bottom (mm)	
Al-125	-	425	385	240	23.50
Al-130	Al-135	450	385	240	25.50
Al-135 T	-	450	410	240	26.00
Al-140	Al-150	475	385	240	28.00
Al-150	Al-151	485	385	240	29.00
Al-150 T	-	485	410	240	28.50
Al-170	Al-180	505	385	240	30.00
Al-180	Al-180 L	520	385	240	31.00
Al-185	-	535	385	240	32.75
Al-195	-	550	385	240	34.25
Al-210	-	610	385	240	38.75
Al-200	-	510	445	225	39.00
Al-225	-	520	445	225	40.00
Al-230	-	540	445	225	42.00
Al-250	-	560	445	225	44.00
Al-255	-	615	445	225	50.00
Al-280	-	650	445	225	54.00
Al-325	Al-326	590	485	280	60.00
Al-350	-	615	485	280	63.25
Al-355	Al-351.2	670	485	280	70.00
Al-360	Al-355	600	565	350	85.00
Al-361	-	600	545	300	69.80

Al Shape Crucibles (Big)

Size	Comparative Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
			Top (mm)	Bottom (mm)	
Al-375	Al-352	705	485	280	74.50
Al-400	-	660	565	350	96.00
Al-401	-	660	545	300	80.00
Al-405	-	660	584	345	96.00
Al-411	Al-405	680	545	300	83.50
Al-450	-	705	565	350	105.00
Al-451	Al-405 L	705	545	300	87.90
Al-500	-	720	565	350	107.00
Al-501	-	720	545	300	90.50
Al-510	-	705	584	345	105.50
Al-530	Al-525	740	565	350	111.00
Al-550	-	760	565	350	115.00
Al-551	-	760	545	300	97.50
Al-555	-	730	584	345	109.50
Al-600	-	810	565	350	124.50
Al-601	-	810	545	300	106.30
Al-610	-	765	584	345	115.50
Al-675	-	800	584	345	122.00
Al-675 H	-	815	584	345	125.50
Al-710	-	835	584	345	128.50
Al-850	Al-605	850	565	350	131.00
Al-710 H	-	860	584	345	133.50
Al-900	-	900	584	345	139.00

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BPI Shape Crucibles

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
BPI-215	500	626	250	82.00
BPI-250	640	626	250	115.00
BPI-300	710	626	250	131.00
BPI-350	810	626	250	155.00
BPI-375	850	626	250	164.00
BPI-400	900	626	250	175.00
BPI-500	750	785	310	216.00
BPI-550	825	785	310	246.00
BPI-600	890	785	310	270.00
BPI-650	950	785	310	293.00
BPI-700	1000	785	310	312.00
BPI-725	850	885	360	323.00
BPI-750	880	885	360	338.00
BPI-800	1000	885	360	397.00
BPI-900	1100	885	360	447.00
BPI-1000	1150	885	360	472.00
BPI-1100	1180	885	360	487.00
BPI-550 U	550	885	360	174.00
BPI-800 U	605	885	360	201.00
BPI-900 U	650	885	360	223.00
BPI-1000 U	710	885	360	253.00
BPI-1025 U	750	885	360	273.00
BPI-550 B	550	960	400	193.00
BPI-750 B	880	960	400	384.00
BPI-800 B	1000	960	400	452.00
BPI-900 B	1100	960	400	510.00
BPI-1000 B	1170	960	400	551.00
BPI-1300 B	1250	960	400	598.00
BPI-1350 B	1350	960	400	655.00

BUI Shape Crucibles

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
BUI-215	500	616	355	96.50
BUI-250	640	622	355	120.50
BUI-300	710	625	355	132.00
BUI-350	810	630	355	148.25
BUI-375	850	630	355	155.50
BUI-400	900	630	355	171.50
BUI-700	1000	782	445	320.00
BUI-600	890	782	445	277.50
BUI-550	825	782	445	252.50
BUI-500	750	782	445	224.00

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.

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TPI Shape Crucibles (Spouted)

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
TPI-32	330	245	175	7.85
TPI-88	810	545	300	97.50
TPI-89	810	565	350	115.00
TPI-250	640	626	250	102.00
TPI-350	810	626	250	144.00
TPI-387	640	626	250	102.00
TPI-412	810	626	250	144.00
TPI-412 H	900	626	250	164.50
TPI-600	890	785	310	251.00
TPI-700	1000	785	310	293.00
TPI-800	1000	885	360	372.00
TPI-800 B	1000	960	400	424.00
TPI-900 B	1100	960	400	482.00
TPI-1000	1150	885	360	447.00
TPUI-387	640	622	355	100.00
TPUI-412	810	630	355	138.50
TPUI-412 H	900	630	355	171.50
TPUI-600	890	782	445	258.50
TPUI-700	1000	782	445	300.00

Cylindrical Shape Crucibles

Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
CYI-329	530	330	327	27.75
CYI-430	430	310	305	18.00
CYI-425	425	315	300	19.00
CYI-450	450	330	330	27.00
CYI 400 X 700	700	400	400	58.50
CYI 400 X 670	670	400	400	53.00
CYI 400 X 640	640	400	400	53.00
CYI 400 X 540	540	400	400	44.00
CYI 400 X 500	500	400	400	41.00

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4. Accessories like Stands, Muffle Rings and Covers also available.

Accessories

Product / Size	Height (mm)	Outside Dia		Brimful Capacity (Ltr.)
		Top (mm)	Bottom (mm)	
Sleeve-I-100x200xD-80	200	100	100	
Sleeve-I-100x200xD-75	200	100	100	
Pencil Box-CI-260x190x230	260	190	230	5.99
ROD-I-54X1000	1000	54	54	

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