

T E R C O D*

SILICON CARBIDE CRUCIBLES

Carbon-bonded silicon carbide

Low coefficient of thermal expansion

Excellent thermal conductivity

Excellent resistance to attack by non-ferrous metals

High strength

Excellent resistance to oxidation

High resistance to thermal shock.

CASTING THE FUTURE TOGETHER

Foseco has been associated with the metals industry for over 75 years and today is acknowledged as a world leader in the supply of consumable products for use in the foundry industry with a presence in 32 countries and major facilities in Germany, USA, UK, Brazil, China, Japan, South Korea and India.

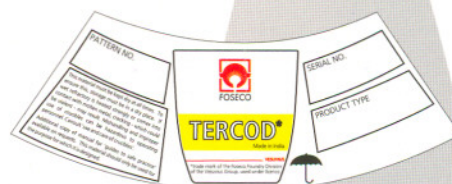
Our focus is on adding value for our customers through innovative service enhancements and partnerships, improved process capability, casting yield, resource utilisation and efficiency.

Foseco application expertise, foundry process knowledge and proprietary products can produce significant benefits to customers particularly in the following seven areas -

- ▶ Improvement in yield
- ▶ Reduction in inclusion rejections
- ▶ Improvement in surface finish
- ▶ Improvement in mechanical/metallurgical properties
- ▶ Improvement in productivity
- ▶ Cleaner environment, and
- ▶ Savings in energy

Product Range

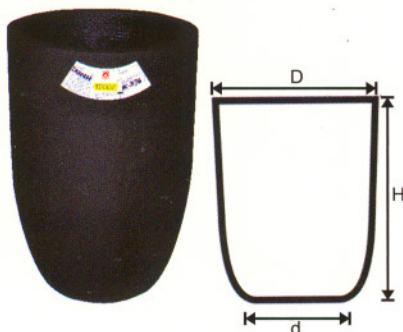
- ▶ Silicon carbide and Clay Graphite crucibles
- ▶ Rotary degaussers
- ▶ Low pressure stalk tubes
- ▶ Thermocouple sheaths
- ▶ Accessories for continuous casting (non-ferrous)
- ▶ Stoppers and nozzles
- ▶ Monolithics and precast shapes
- ▶ Ceramic filters for all metals



RUCIBLES : TERCOD PRODUCT RANGE

Crucible shape:

A
for stationery
furnaces

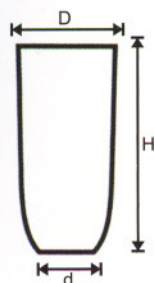


Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
AC-0.3	65	46	38	=	0.05
AC-05	90	74	50	=	0.14
AC-01	90	90	55	=	0.15
AC-02	110	102	65	=	0.3
AC-03	132	110	70	=	0.5
AC-04	140	115	75	=	0.55
AC-05	150	125	85	=	0.8
AC-06	165	130	90	=	0.9
AC-08	180	155	110	=	1.35
AC-10	200	160	115	=	1.4
AC-12	210	175	120	=	2.1
AC-15	233	177	120	=	2.5
AC-20	245	220	147	=	3.9
AC-25	270	220	147	=	4.8
AC-30	290	230	160	=	6.1
AC-35	300	268	195	=	7.8
AC-40	310	268	195	=	8.2
AC-50	330	268	195	=	8.9
AC-55	340	268	195	=	9.2
AC-60	345	288	222	=	10.05
AC-70	360	288	222	=	10.65
AC-80	385	317	230	=	15
AC-100	400	325	240	=	15.4
AC-105	410	325	240	=	15.95
AC-110	400	345	248	=	17.8
AC-120	410	345	248	=	17.95
AC-125	440	345	248	=	19.25
AC-125SH	420	345	248	=	18.1
AC-150	475	375	230	=	26.15
AC-151	420	375	230	=	
AC-152	390	375	230	=	
AC-160	485	375	230	=	27
AC-185	505	376	230	=	27.3
AC-185H	535	376	230	=	
AC-200	505	400	285	=	30.05
AC-210	505	438	240	=	36.1
AC-225	525	438	240	=	39
AC-250	555	438	240	=	41.85
AC-275	608	438	240	=	48.25
AC-275SH	635	438	240	=	
AC-300	582	445	325	=	48.6
AC-300H	622	445	325	=	52.5
AC-325	595	473	254	=	56.65
AC-350	610	475	254	=	57.6
AC-350H	760	475	254	=	75.6
AC-360	645	475	254	=	61.55
AC-360H	710	475	254	=	69.35
AC-375	665	475	254	=	64.15
AC-376	700	475	254	=	
AC-400	665	528	315	=	81.25
AC-450	665	540	330	=	82.5
AC-500	710	528	315	=	87.25
AC-550	710	540	330	=	89.75
AC-800HW	802	530	315	=	98.05
AC-600	762	530	315	=	94.8
AC-650	762	540	330	=	95
AC-600HW	762	530	315	=	92.7
AC-650HW	762	540	330	=	93.25
AC-625	728	577	355	=	103.75
AC625H	765	580	355	=	
AC690	820	580	355	=	119.3
AC-675	800	580	355	=	115.45
AC-800	808	530	315	=	102.8
AC-850	808	540	330	=	103

Crucible shape:

TP

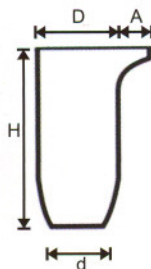
for over top crucibles for
lifting furnaces



Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
TPC-07	730	438	295	=	62.65
TPC-08	805	440	295	=	70.9
TPC-09	890	440	295	=	78.9
TPC-10	953	440	295	=	85.75
TPC-15	980	540	360	=	127.65
TPC-15 SH	890	540	360		116.25
RC-450	760	480	320		
RC-600	940	485	320		

TP

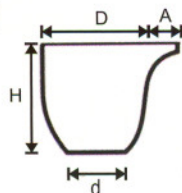
with integral spout for
tilting furnaces



Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
TPC-982	805	440	295	155	66
TPC-89	775	540	310	133	88.45
TPC-89H	800	580	355	146	108.7
TPC-140	762	445	445	265	70.5
TPC-70	632	390	390	190	48.15
TPC-12	955	440	295	152	
TPC-16	970	540	360	121	
TPC-125	640	440	250	145	
TPC-200	790	480	280	138	

BASIN

with integral spout for
tilting furnaces

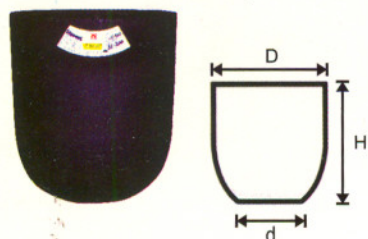


Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
TPC-287	610	530	320	146	67.2
TPC-387	630	610	355	160	96.9
TPC-400	603	377	205	146	28.2
TPC-412	820	610	355	160	131.9
TPC-412H	900	615	355	160	155.6
TPC-587	905	788	360	177	234.05
TPC-587	905	788	360	200	234.05
TPC-600	805	377	205	150	43.05
TPC-700	980	850	350	200	260
TPC-800	1000	886	360	260	
TPC-843	680	430	254	154	455
TPC-900H	1000	886	505	200	345
TPC-1000H	1150	886	505	200	396
TPC-1000T	1050	960	550	200	394
TPC-1001	1075	1000	400	225	-

Crucible shape:

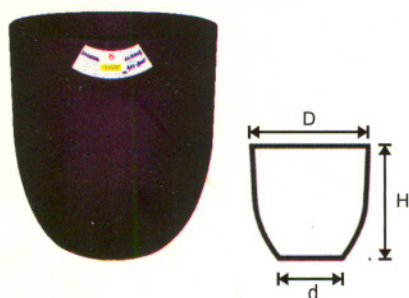
BASIN

for baleout & holding furnaces



BASIN

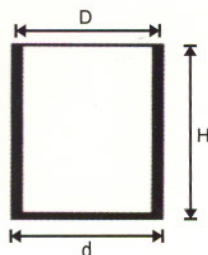
for baleout & holding furnaces



Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
BC-100	405	525	254		48
BC-125	455	525	254		56.5
BC-150	505	528	254		65.05
BC-175	552	528	254		68.3
BC-200	605	530	254		74.85
BC-250	635	645	255		127.85
BC-300	695	645	255		143.6
BC-600	578	720	350		130.05

Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
BUC-60	394	403	200		28.35
BUC-70	432	403	200		31.3
BUC-100	402	525	310	=	41.9
BUC-125	455	528	310		50.4
BUC-150	500	528	310	=	58.45
BUC-160	485	590	240		66
BUC-175	551	532	310	=	65.5
BUC-190	600	540	330		74
BUC-195	620	540	330		77.2
BUC-200	600	535	310	=	73.6
BUC-210	620	535	310	=	76.55
BUC-215	500	615	355		81
BUC-250	630	615	355	=	103.85
BUC-250 SB	560	590	240		83.6
BUC-252	600	775	460		
BUC-255	813	540	330		105.3
BUC-256	520	715	345		119
BUC-280	480	715	345		
BUC-299	588	720	345		135
BUC-300	700	615	355	=	123.15
BUC-350	820	615	355	=	147.7
BUC-350 SH	800	615	355		144.7
BUC-352	600	720	345		
BUC-385	690	720	300		164
BUC-390	635	780	360	-	
BUC-400	900	615	355		163
BUC-450	680	850	350		188
BUC-453	550	850	350		
BUC-455	1050	615	355		189
BUC-460	800	720	345	-	202
BUC-500	755	785	360	=	203.75
BUC-502	750	886	360	-	-
BUC-505	1150	615	355		208
BUC-520	940	720	381	-	223
BUC-570	750	850	350		209
BUC-600	905	785	360	=	255.95
BUC-602	800	785	360		
BUC-630	1143	720	381	-	
BUC-650	850	850	350		237
BUC-650 H	750	886	505		264
BUC-750	980	850	350		278
BUC-575	1041	720	381	-	
BUC-750 H	880	886	505		328
BUC-760	900	886	360	-	310
BUC-860	1000	886	360	-	348
BUC-900 H	1000	886	505		385
BUC-900	990	1000	400		414
BUC-945H	1050	886	505	-	
BUC-1000	1050	1000	400		442
BUC-1000 H	1150	886	505		443
BUC-1000 T	1050	960	550		444
BUC-1050	1140	886	360	-	

STRAIGHTW ALL for induction melting furnaces



Type & Size	Height in mm	Other Dimension Top Dia. in mm	Bottom dia in mm	Spout length in mm	Water Capacity in Ltrs
CY-390540	540	390	390		
CY-390660	660	390	390		
CY-445660	660	445	445		
CY-775750	750	775	775	-	242
CY-359660	660	359	359		

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Solutions Partner to the Expert Foundryman



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