

Skimmers

Clay Graphite skimmers are designed for easy and efficient removal of dross and dirt from all types of molten metal. They are supplied with a threaded bolt for easy attachment to a handle and have holes for draining the molten metal back into the furnace, reducing waste. Excellent erosion resistance & non wettability by slag or molten metal imparts excellent life & ease of operations to the product



PATTERN	PART DESCRIPTION	DIAMETER (mm)	LENGTH (mm)	CAPACITY (cc)	COMMENTS	APP METAL	BOLT THREAD	DRAIN HOLES
VK85	Flat Skimmer	64	305	0	Skimming Aluminium dross	Al,Cu	N/A	19x64 mm flat Skimmer
VK18	Flat Skimmer	75	460	0	Skimming Aluminium dross	Al,Cu	N/A	75 x 25 mm Flat Skimmer
N25/305	Flat Skimmer	127	254	0	Slagging Lge Induction Fnces	Fe	10mm	127 x 51 mm Flat Skimmer
VB18/1A	Skimmer Bowl	130	160	260	Slagging small ladles	Cu,Fe	10mm	1x40 mm Hole
VB18/2A	Skimmer Bowl	130	160	260	Slagging small ladles	Cu,Fe	10mm	1x20 mm Hole
VB18/3A	Skimmer Bowl	130	160	260	Slagging small ladles	Cu,Fe	10mm	3x12 mm Hole
NB28/5	Skimmer Spoon	150	209	0	Removing dross and slag	Al,Cu,Fe	10mm	5 Holes
NB28/5A	Skimmer Spoon	150	209	0	AsNB28/5with scraper	Al,Cu,Fe	10mm	5 holes + Scraper
NB31	Skimmer Bowl	207	279	2000	Removing dross and slag	Al,Cu,Fe	16mm	1Hole
VB8/2A	Skimmer Bowl	220	260	1800	Slagging large ladles	Cu,Fe	16mm	6 Holes
VB8/4A	Skimmer Bowl	220	260	1800	Slagging Induction Fnces.	Fe	16mm	1Hole
VB8/6A	Skimmer Bowl	220	260	1800	Slagging Induction Fnces.	Fe	16mm	1Hole
VB8/8A	Skimmer Bowl	220	260	1800	Slagging Induction Fnces.	Fe	16mm	1Hole
VB8/5A	Skimmer Bowl	230	260	1800	Slagging Induction Fnces.	Fe	16mm	1Hole
NB32/1	Skimmer Spoon	250	320	0	Slagging Induction Fnces.	Cu,Fe	16mm	1Hole
NB32/4	Skimmer Spoon	250	320	0	Slagging Induction Fnces.	Cu,Fe	16mm	4 Holes
VB28/1	Skimmer Bowl	220	260	1800	Slagging Induction Fnces.	Fe	16mm	1Hole
VB31/5	Skimmer Bowl	207	279	1800	Slagging Induction Fnces.	Fe	16mm	5 Hole
VB20/1A	Skimmer Bowl	110	180	0	Slagging Induction Fnces.	Fe	10mm	1Hole
NB8/7A	Skimmer Spoon	190	260	0	Slagging Induction Fnces.	Cu,Fe	16mm	1Hole
VB5AEXT	Skimmer Spoon	180	250	0	Slagging Induction Fnces.	Cu,Fe	16mm	1Hole

These products perform best at temperatures below 1600°C

All dimensions are subject to normal manufacturing tolerances. Morgan reserves the right to change specifications at any time

Metal Sampling & Casting

Ladle Bowls

The best method of taking molten metal samples and for skimming slag from induction furnaces and ladles. The products are supplied in a range of sizes from 275 cm³ to 2000 cm³ capacity, and are designed for obtaining samples for spectrographic analysis, test bars and thermal analysis samples. Molten metal samples can be retrieved in a cost efficient way, free from contamination of dirt, which is close to the temperature of the bulk metal being sampled (important for thermal analysis).



TYPE	APPROXIMATE CAPACITY(cc)	APPROXIMATE CAPACITY (kgs iron)	MAIN USES
NB10	275cc	1.8	Taking molten metal samples for analysis
NB20	1100cc	7.5	Casting test bars and small castings
NB30	2000cc	14.0	Molten metal transfer and small castings
VB18A	260cc	1.8	Taking molten metal samples for analysis
VB4A	295cc	2.0	Taking molten metal samples for analysis
VB5A	510cc	3.6	Casting test bars and small castings
VB8A	1800cc	13.75	Metal transfer and small castings
VB25A	3170cc	22.0	Molten metal transfer
VB271A	4000cc	28.0	Molten metal transfer
VB180 EXT	2000cc	15.72	Casting test bars and small castings
VB8A EXT	2000cc	15.72	Metal transfer and small castings
VB175 EXT	1500cc	11.79	Molten metal transfer

Sampling Spoons

Sampling spoons with an integral handle for taking small samples of molten metal for analysis or for removing dirt and dross from small crucibles.



PATTERN	DIAMETER (mm)	LENGTH (mm)	CAPACITY (cc)	COMMENTS	APPLICATION METAL	CAPACITY (kg) Al
VB56	44	241	10	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.023
VB35	60	335	10	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.023
VB66	51	356	30	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.075
VB394	30	394	5	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.012
VB316	44	457	10	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.023
VB590	30	590	5	Al,Au,Ag sampling	Al,Cu,Ag,Au	0.012

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