



PAC

Perfect Assay Cupels



ISO 9001
CERTIFIED



ISO 14001
CERTIFIED



ISO 45001
CERTIFIED



Salient Features

- * Perfect Assay Cupels are made from unique blend of DBM and fluxing agent
- * All Cupels absorbs approx. 70% of their weight in grams
- * Does not react to atmospheric changes
- * Uniform in quality and good mechanical strength
- * Negative to spitting of lead, Crack free and no spitting
- * Beads can be easily removed, no sedimentation
- * Rapid absorption of large quantity
- * We customize products as to the needs of our customers

Contact No : (+91) 9025 387 116, (+91) 8248 913 846.

E-Mail : info@magnesiafireassaycupels.com, enq.pac@gmail.com, sales.pacupels@gmail.com.

Website : www.magnesiafireassaycupels.com.



- Perfect Assay Cupels is located in Salem, Tamil Nadu, Southern part of India. We manufacture Magnesia Cupels and Bullion Blocks.
- Perfect Assay Cupels is owned and run by a team of professionals who have more than two decades of experience in the manufacture of Magnesia Cupels and Bullion blocks and other products.
- The entire production activity is strictly supervised by our trained Ceramic Engineering professionals having rich experience in the same field backed with a team of technical experts.
- Perfect Assay Cupels is committed towards stringent quality standards and adheres to ISO 9001 Certified (for Quality Management Systems), ISO 14001 Certified (for Environmental Management Systems) and ISO 45001 Certified (for Occupational Health and Safety).
- There is an in-house Research and Development facility, where our products are tested regularly in our own Assay Laboratory for quality and innovation purpose.
- We assure consistent quality and customer satisfaction backed with on time dispatch. Perfect Assay Cupels is strategically located at Salem, the southern part of India. Where the required raw material - Magnesite is available in abundance and is strategically located near to couple of sea ports and Airport base. Magnesia Cupels and Bullion Blocks are used by Gold Exploration/ Mining companies, Fire Assaying Establishments, Hallmarking Centers, Gold Bar Manufacturers and Precious Metal testing and Refineries in more than 150 countries throughout the world.



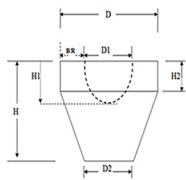
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Cupels Drawing I



D Outer Dia Of Cupel

D1 Dia Of Cup

D2 Dia Of Base

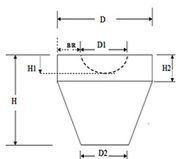
H Height Of Cupel

H1 Depth Of Cup

H2 Height Of Ridge

B/R Breadth Of Ridge

Cupels Drawing II



Cupels Dimensions Data in ('mm')

Size	Outer Dia	Dia of Cup	Dia of Base	Height of Cupel	Depth of Cup	Height of Ridge	Breadth of Ridge	Average Weight (Approx)	No.s per Carton	Gross Weight (Approx)
	D	D1	D2	H	H1	H2	B/R	(Gm's)		(Kg's)
1	22.0	17.5	16.5	18.4	4.3	5.0	2.30	13.0	1440	19.5
2X	24.0	19.0	19.4	16.3	7.0	5.0	2.50	13.0	1296	17.5
3	26.3	21.3	20.2	17.0	7.0	5.0	2.50	16.5	1080	18.6
4	30.4	25.4	19.9	18.2	7.5	5.0	2.50	20.0	819	17.2
4A	27.0	24.0	20.0	22.0	6.0	7.5	1.50	22.0	900	20.5
5	31.6	26.2	21.9	19.7	7.0	5.0	2.70	24.5	728	18.5
PM	27.0	23.4	26.8	24.0	8.0	--	1.80	27.5	720	20.5
6	36.3	26.4	26.1	21.2	8.5	8.0	4.95	37.5	462	18.0
6A	40.0	32.7	30.0	25.4	12.3	6.0	3.65	47.5	300	15.0
6C	40.2	30.3	30.5	27.5	8.0	9.0	4.95	62.0	300	19.3
6D	38.8	32.8	30.0	30.0	7.8	9.5	3.00	61.5	300	19.2
7	39.5	31.2	29.0	22.0	11.0	6.5	4.15	44.5	300	14.0
7A	39.7	31.2	30.0	28.5	11.8	9.0	4.25	59.0	300	18.5
7A	39.7	31.2	30.0	28.5	11.8	9.0	4.25	59.0	420	25.9
7AL	39.7	31.2	30.0	28.5	12.3	6.0	4.25	55.0	420	24.3
7AS	40.0	31.0	30.0	34.0	12.0	14.0	4.50	72.0	300	22.1
7B	39.7	31.2	30.0	32.0	11.8	12.5	4.25	67.5	300	21.1
7C	40.0	33.0	30.0	30.0	9.5	4.0	3.50	59.0	300	18.4
7F	36.0	29.0	30.0	39.0	10.0	11.5	3.50	73.5	250	19.1
7X	39.7	31.2	30.0	35.0	11.8	15.5	4.25	76.0	300	23.6
SA	40.0	30.2	30.0	25.4	8.7	6.0	4.90	54.5	300	17.1
8	44.3	34.2	34.6	27.1	8.5	9.0	5.05	72.5	240	18.2
8A	45.3	38.0	36.9	35.0	12.5	13.0	3.65	100.5	200	20.8
8AM	45.3	34.0	36.9	35.0	11.5	13.0	5.65	105.5	200	21.8
8B	45.3	34.0	36.9	35.0	14.5	13.0	5.65	101.0	200	20.9
8C	44.8	34.0	35.5	31.0	12.5	11.0	5.40	89.0	240	22.3
8D	44.3	34.2	34.6	27.1	12.5	9.0	5.05	71.0	300	22.2
8F	44.5	34.5	35.0	38.0	13.0	10.5	5.00	100.5	200	20.9
8S	44.0	38.0	34.0	40.0	14.0	13.0	3.00	107.0	180	20.0
8Y	42.0	38.0	42.0	33.0	9.0	--	2.00	98.0	200	20.2
9	51.0	40.0	42.1	29.0	10.5	9.0	5.50	109.0	192	21.7
9C	51.0	42.0	43.0	33.5	12.0	5.5	4.50	126.0	160	20.9
9F	51.0	42.0	41.0	40.0	14.0	11.0	4.50	138.5	128	18.4
10	60.0	52.6	49.7	30.2	11.5	11.0	3.70	148.5	140	21.5
11	56.8	47.8	48.8	44.0	14.8	10.0	4.50	197.0	112	22.7
12	80.2	57.5	62.5	47.0	16.5	11.0	11.35	443.0	45	20.6
14	110.0	80.0	88.0	70.0	24.0	14.0	15.00	1,187.0	16	19.7
15	150.0	120.0	128.0	130.0	40.0	25.0	15.00	4,725.0	4	20.0
PC	254.0	184.73	203.2	161.64	55.42	32.33	34.65	16,000.0	1	16.6

*Approximate

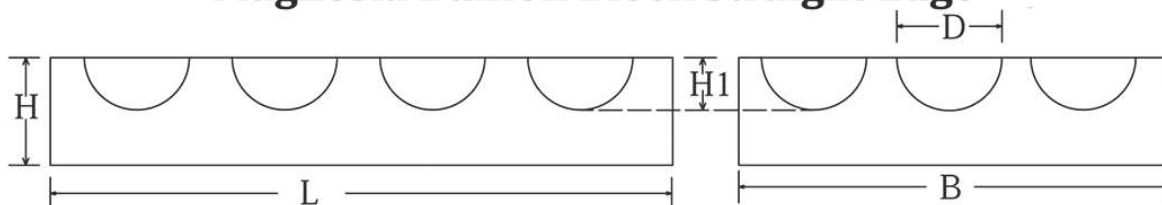
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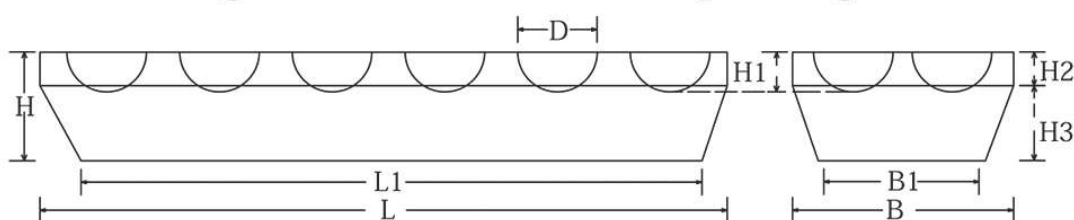
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Magnesia Bullion Block Straight Edge



Magnesia Bullion Block Taper Edge



L -Length at Top **B**-Breadth at Top **H**-Height Of Block **H1**-Depth Of Cup **H2**-Height Of Ridge
L1-Length at Bottom **B1**-Breadth at Bottom **D**-Dia Of Cup **H3**-Height Of Taper Portion

Bullion Blocks Dimensions Data in ('mm')

Size	No. of Holes	Length of Block		Breadth of Block		Height of Block	Dia of Cup	Depth of Cup	Height of Ridge	Height of Taper portion	Average Weight (Approx.) (Gm's)	No.s per Carton	Gross Weight (Approx.) (Kg's)
		L	L1	B	B1								
4 HB	4	48.0	---	48.0	---	20.0	18.0	6.5	---	---	97.0	224	22.8
6 HB	6	76.0	---	51.0	---	20.0	20.5	8.0	---	---	150.0	120	18.8
6 HB(T)	6	82.0	72.0	60.0	50.0	20.0	22.0	7.0	6.0	14.0	184.0	120	22.8
10 HB	10	138.0	128.0	60.0	50.0	20.0	22.0	7.0	6.0	14.0	307.0	60	19.2
12 HB	12	80.0	---	60.0	---	20.0	14.0	7.0	---	---	204.0	105	22.2
12 HB(E)	12	80.0	---	60.0	---	20.0	16.0	7.0	---	---	204.0	105	22.2
12 HB(L)	12	165.0	155.0	60.0	50.0	20.0	22.0	7.0	6.0	14.0	375.0	48	19.1
14 HB	14	179.0	---	54.0	---	20.0	20.0	7.5	---	---	367.0	56	21.7
21 HB	21	172.0	162.0	76.0	66.0	20.0	22.0	7.0	6.0	14.0	476.0	42	21.3
24 HB	24	124.0	114.0	84.0	74.0	20.0	16.0	7.0	6.0	14.0	402.0	48	20.3
24 HB(L)	24	165.0	---	120.0	---	20.0	21.5	7.0	---	---	830.0	24	21.0

*Approximate

Address :

Perfect Assay Cupels

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