

Hump Magnets

Hump Magnet Separators for High-Volume Product Flow

Bunting Hump Magnet Separators come in Hump and Half-Hump housings designed for installation in enclosed flow lines or on processing equipment. We can supply adapters made to your specifications. Hump Magnets are made for gravity free-fall applications in magnetic separation.



Hump Magnets

Housings handle gravity, moderate positive and negative pressures. The angled shape directs the product flow into the magnetic field, helps prevent build-up and bridging, and also breaks up clumps of product for increased protection against entrapped ferrous debris.

- ! Offset design breaks up clumps and directs material into magnetic field.
- ! Select double or single hump housings sized and outfitted to your specs.
- ! Mild steel or stainless steel construction.
- ! Transitions for round, square, or rectangular spouting.
- ! Hinged plate magnets swing open for quick manual cleaning

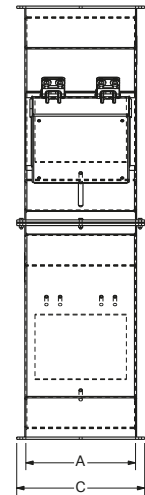
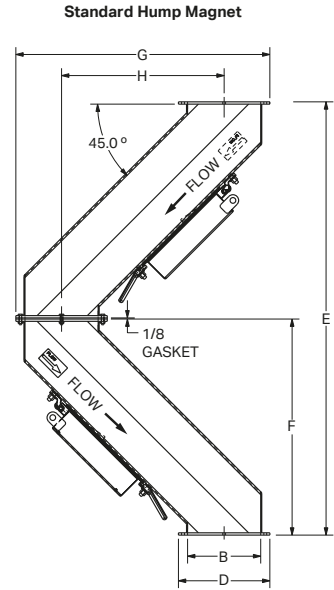
Half Hump Magnets

Our Half-Hump Magnets are used where Hump Magnets will not fit because of height restrictions. Like its larger version, the Half-Hump housing directs the material flow over the single high-strength permanent magnet and breaks up aggregated material to dislodge and capture embedded metal contaminants.



Hump Magnets

Designed for installation in enclosed flow lines on processing equipment. The angled shape directs the product flow into the magnetic field, helps prevent build-up and bridging, and also breaks up clumps of product for increased protection against entrapped ferrous debris.



Standard and Half-Hump Magnets

Dimensions in centimetres.

Spout Size	Model No.	Plate Magnet Model	Opening Width A	Opening Depth B	Flange Width C	Flange Depth D	Full-Hump Standard Models E	Half-Hump Standard Models F	Depth G	Centre-to-Centre H
10	*HMT-306	300	15	18	20	23	107	53	62	40
15	*HMT-308	300	20	18	25	23	107	53	62	40
20	*HMT-310	300	25	18	30	23	107	53	62	40
25	*HMT-312	300	30	18	35	23	107	53	62	40
30	*HMT-318	300	45	18	50	23	107	53	62	40
35	*HMT-424	450	60	20	66	25	120	60	70	45
40	*HMT-430	450	76	20	81	25	120	60	70	45
45	*HMT-436	450	91	20	96	25	120	60	70	45
50	*HMT-442	450	106	20	112	25	120	60	70	45
60	*HMT-548	650	122	25	127	30	142	70	85	54
10	HNT-306	350	15	18	20	23	107	53	62	40
15	HNT-308	350	20	18	25	23	107	53	62	40
20	HNT-310	350	25	18	30	23	107	53	62	40
25	HNT-312	350	30	18	35	23	107	53	62	40
30	HNT-318	350	45	18	50	23	107	53	62	40
35	HNT-424	500	60	20	66	25	120	60	70	45
40	HNT-430	500	76	20	81	25	120	60	70	45
45	HNT-436	500	91	20	96	25	120	60	70	45
50	HNT-442	500	106	20	112	25	120	60	70	45
60	HNT-548	650	122	25	127	30	142	70	85	54

Specifications are subject to change without notice.

* When specifying stainless steel with ceramic loads change designation from HMT to HST

HNT: Hump magnet, Neodymium, Stainless-Steel housing, tapered step face

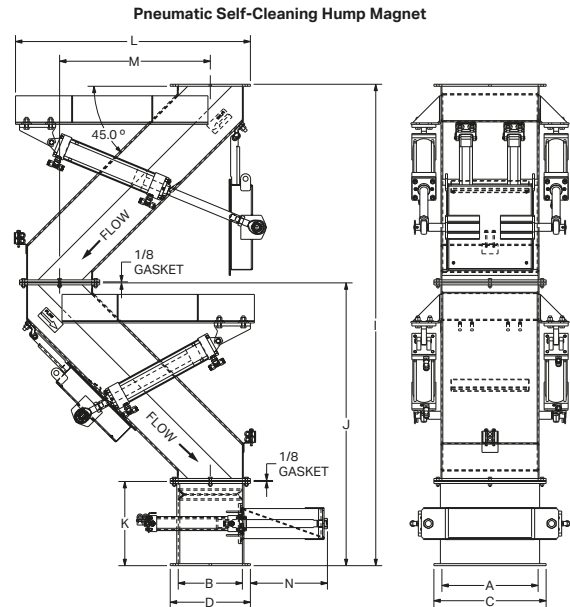
HMT: Hump magnet, Ceramic-Ferrite, mild steel housing

HST: Hump magnet, Ceramic-Ferrite, stainless-steel housing

Pneumatic Hump and Half-Hump Magnets

Dimensions in centimetres.

Spout Size	Plate Magnet Model	Full Hump Height I	Half Hump Height J	Height Tramp K	Depth L	Centre-to-Centre M	Dump Chute N	
10	*HMT-306-PSC	300	136	81	27	65	39	22
15	*HMT-308-PSC	300	136	81	27	65	39	22
20	*HMT-310-PSC	300	136	81	27	65	39	22
25	*HMT-312-PSC	300	136	81	27	65	39	22
30	*HMT-318-PSC	300	136	81	27	65	39	22
35	*HMT-424-PSC	450	153	90	27	74	48	24
40	*HMT-430-PSC	450	153	90	27	74	48	24
45	*HMT-436-PSC	450	153	90	27	74	48	24
50	*HMT-442-PSC	450	153	90	27	74	48	24
60	*HMT-548-PSC	650	193	110	27	94	66	30
10	HNT-306-PSC	350	130	79	27	64	38	22
15	HNT-308-PSC	350	130	79	27	64	38	22
20	HNT-310-PSC	350	130	79	27	64	38	22
25	HNT-312-PSC	350	130	79	27	64	38	22
30	HNT-318-PSC	350	130	79	27	64	38	22
35	HNT-524-PSC	500	149	88	27	76	46	24
40	HNT-530-PSC	500	149	88	27	76	46	24
45	HNT-536-PSC	500	149	88	27	76	46	24
50	HNT-542-PSC	500	149	88	27	76	46	24
60	HNT-548-PSC	650	175	101	27	91	57	30



Use dimensions A-H from the top chart

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