

## Magnetic Bullet Separator (Bullet Magnets)

Bullet separator is designed to remove relatively large pieces of iron tramps like nuts, bolts and nails to avoid damage to the downstream machines. This equipment is usually installed in gravity and pneumatic pipelines. Bullet separator is applicative to all the powder and granular products which are dry, such as grain, powder, feed, etc.



### Construction:

Stanford bullet separator is constructed by a nose cone in the center within an SS housing from outside. Cone shape ensures smooth flowing volume. High intensity magnet makes the cone concentrate strong strength to capture the iron tramps perfectly. Usually these liquid traps are simply mounted to the existing pipeline via flanged or threaded ends. Easy access is also possible using the quick release clamp.

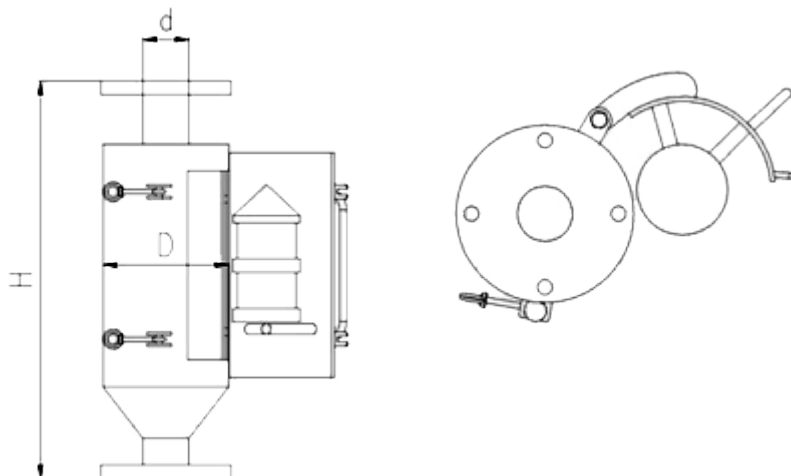
### Features:

1. Finishing: Finely polished and good welding to meet food grade.
2. Material of shell: SS304, SS316 and SS316L seamless steel tube.
3. Working temperature: Standard working temperature of liquid trap magnets is  $\leq 80^{\circ}\text{C}$ , but if high temperature is required, we can offer up to  $350^{\circ}\text{C}$  to meet your special requirements.
4. Compress resistance: 6 kilograms (0.6Mpa) with quick release clamp and 10 kilograms (1.0Mpa) with flange.
5. As rare earth magnets are extremely powerful and tramp metal is very difficult to remove by hand, we are ready to offer you an easy-clean design.
6. To meet the demand of preserving heat, we offer you a special design, with insulation layer added.
7. Customer designs and specifications can be fulfilled.

### How to do cleaning?

Easy-clean design. As the cone is fixed with the door, when the door is opened, the cone will come out simultaneously. Then, just wipe the cone with glove.

### Typical Products



Part#	Dimensions (mm)		
	d	D	H
SM-BM50	51	114	380
SM-BM65	76	168	540
SM-BM100	108	219	586
SM-BM150	159	273	655
SM-BM200	219	325	760
SM-BM250	273	426	850
SM-BM300	325	480	880

**\*Please give us the info below if you'd like to have a customized product:**

- a) Interface/connection type and diameter
- b) Pipeline pressure
- c) Operating temperature
- d) Installation space
- e) Magnetic field strength
- f) Characteristics & name of material; PH; Particle size; fluidity; etc
- g) Other special designs