

Magnets

The addition of magnets to a pig is often used to remove iron-sulfides and ferrous debris in gas and hydrocarbon pipelines. Brushes can often be used in conjunction with magnets to assist in the ferrous debris being removed from the pipe wall. The resulting ferrous debris can then be collected with the magnets mounted on the pig. Magnets can also be utilized to trip a magnetic non-intrusive pig signaler (CD52 Bandit). Detection devices are looking for a change in magnetic field to indicate to an operator when a pig has passed a critical section in the line or has arrived at the launcher/receiver.



Neodymium Iron Boron magnets

Temperature Rating: 100°C / 212°F suggested maximum

Type	Pig Size	Part Number
Cased, Small Block	6-14"	95-0113-14
Cased, Large Block	16-56"	95-0113-48
Circular Rare Earth Magnet	3-4"	95-1382-14



**Ferrous
Debris
Collection**