



At A Glance

-  Flexible Magnetic Pick-Up Tool
-  Can bend and shape to required profile
-  Up to 520mm long
-  Small diameter for tighter spaces
-  Up to 1.8kg (3.96lb) pull force



Retrieval Range



The Flexible Magnetic Retrieval Tool is perfect for picking up small ferrous parts where you can't use a telescopic version because you need the magnet to curve around something. Just bend the tool to the required profile to suit your requirement.

The Flexible Magnetic Retrieval Tool is great for accessing hard-to-reach places. Three versions are available, each with different diameter collection heads (giving different pull force ratings) and each with different lengths.

The Flexible Magnetic Retrieval Tool can be bent to a required profile shape (from straight through to multiple curves). The shortest version is 450mm (~17.7inches) long; the longest version is 520mm (~20.5inches) long.

Up to 1.8kg (just under 4lb) of ferrous contamination could be collected. The amount of material that can be collected will depend on the type of material (how magnetic it is), its size and shape. The largest diameter magnetic head version (13mm / just over 0.5inch) has the highest pull force ability - where diameter needs to be smaller for tighter spaces, the smallest head version is 6.5mm (just over 0.25inch) in diameter but the holding force capability is also lowered. The Flexible Magnetic Retrieval Tool is perfect for picking up small ferrous parts and small ferrous components from hard-to-see and hard-to-reach places. So if you cannot easily see the ferrous item but know where it ought to be, you can shape the Flexible Magnetic Retrieval Tool to aid a more successful capture of the part.

We also offer a Special Magnetic Retrieval Tool with Torch and Claw that also features flexible profile along the length but also includes a built-in LED light and grab claw.

Benefits

- Flexible length that can be shaped to your required profile
- Small diameter magnetic head for inserting through small gaps
- Collects ferrous parts from hard-to-see and hard-to-reach places
- Lightweight
- Up to 520mm long

Materials

Magnetic Material	Rare Earth NdFeB Magnet material
Other Parts	Various, including Stainless Steel, Mild Steel, Plastic

Performance

Magnetic Performance	Up to 1.8kg (3.96lb) pull force - see next page
Magnet Type	Permanent Magnet Rod Assembly
Temperature Range	-40°C to +80°C (-40°F to +176°F)

Maintenance

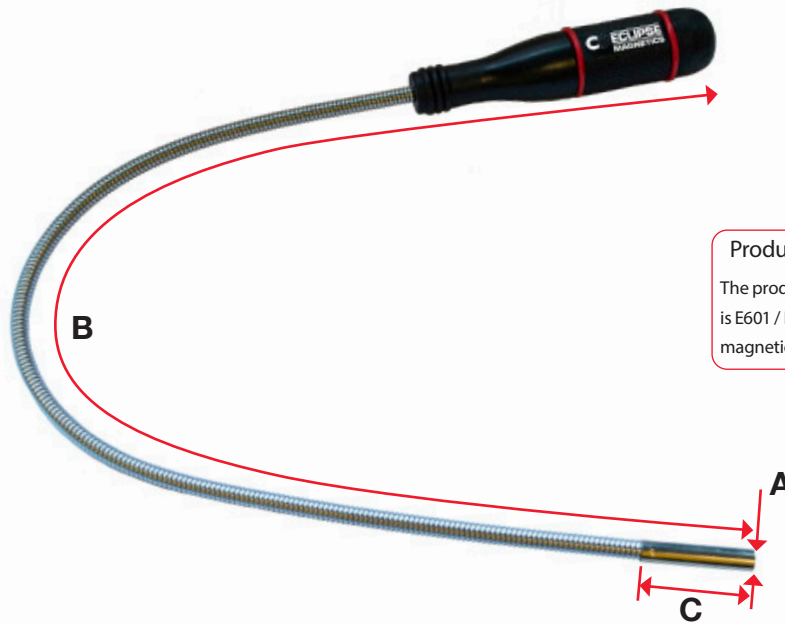
- There is no specific requirement to regularly inspect this item
- Cleaning of surfaces can be achieved using a cloth (bearing in mind the magnetic face may have sharp debris on it)

Suitability

Suitable Products	Ferrous materials (e.g. mild steel)
Suitable Location	Example - workshops, household, garage

Alternatives

- Special Magnetic Retrieval Tool with Torch & Claw
- Multifunction Telescopic Mag. Retrieval Tool with Torch & Inspection Mirror
- Light Duty Telescopic Magnetic Retrieval Tool (& Heavy Duty version)



Product shown here is MRT505F
The products shown on the other page is E601 / E602 (note the slightly different magnetic head and handle).

Product Number	Dimensions (mm)			Weight (kg)	Pull Force* (kg)	Units per Pack
	Diameter A	Length B	Head Length C			
E601	9 (8 for magnet)	450	45.5	0.086	1.0	1
E602	13 (10 for magnet)	520	45	0.090	1.8	1
MRT505F	6.5 (6 for magnet)	505	31	0.094	0.9	1

* The Pull Force stated is the maximum each product can pull based on laboratory tests using highly magnetic materials. In most applications, the magnetic parts will be of varying shapes and sizes with varying magnetic permeability so it should be expected that your application is likely to hold less than the stated values.

For further assistance, please contact sales@eclipsemagnetics.com

Although we have made every attempt to provide accurate information, we do reserve the right to change any of the information in this document without notice.

We cannot accept any responsibility or liability for any errors or problems caused by using any of the information provided.

Conversions Guide:-

1kg ≈ 2.204lb ≈ 9.806N

1lb ≈ 0.453kg ≈ 4.448N

1N ≈ 0.101kg ≈ 0.224lb

10mm ≈ 0.393in (≈ 25/64in)

1in ≈ 25.4mm

(the above conversion values are rounded down)



FM 31278 EMS 616377