

Cat. No. B10-3723-W1  
**Magnetic Line Chips  
(Small) (5 colors)**

## Instruction Manual

### Safety Instruction

This is an important information for your usage.

Be sure to read it carefully and thoroughly before using this product.

### ⚠ Warning

- ⊗ This is not a toy. Not intended for children 12 years and younger.
- ⊗ Do not disassemble, repair and/or remodel this product.
- ⊗ **Do not put (any piece of) this product into your mouth.**
- ⊗ Stop using this product once occurrence of an abnormal or malfunction state is found. Please contact at [global@rika.com](mailto:global@rika.com) regarding any problem.
- ! How to use this product must be explained to students by teacher (instructor) prior to the experiment.

### ⚠ Caution

- ⊗ Use this product only under the direction of teacher (instructor).
- ⊗ Prohibition of use out of purpose. The purpose of the equipment is an experiment of magnetism in school level of science education.
- ! **Check the condition of the product before and after long-term storage and purge piece(s) once occurrence of an abnormal state is found such as exposed wire.**

## Introduction

### Intended purpose of this product

This product can carry out experimentation of magnetic force lines by playing with it.

You can realize the magnetic force lines visually and three-dimensionally even though they are invisible under the normal circumstance. Each of the pieces are cut into about 6 mm easy-to-use size even with small magnet(s) around dia. 2 cm.



B10-3723-W1 Magnetic Line Chips  
(Small) (5 colors) (100g)

**Experimental cases**



In combination with U-shape magnet



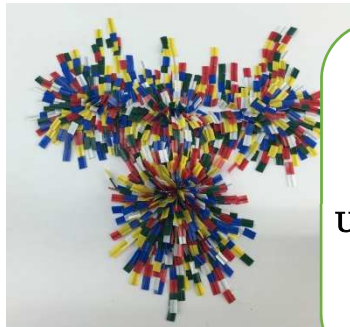
Using two magnets to realize two magnetic forces (attractive and repulsive forces)



Alnico UM Magnet



Ring-shape magnet



Using with magnetized iron tool(s) and magnet hidden under a paper



If investigating magnetic force of loadstone, you will know it also has magnetic polar.