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Levitating magnets: A tutorial including sample video and PDF



A beautiful and uncomplicated construction to demonstrate magnetic levitation. It fits perfectly into our customer application collection on the topic of "Levitation" (www.supermagnete.it/eng/projects/levitation).

Material needed (see picture for details):

- A plastic pipe
- 2 rods of pyrolytic (pure) copper
Attention: Doesn't work with non-pyrolytic copper!
- 1 rod of soft-magnetic iron
- 1 S-30-15-N (www.supermagnete.it/eng/S-30-15-N) disc magnet
- 3 S-15-05-N (www.supermagnete.it/eng/S-15-05-N) disc magnets
- Gasket rings



Demonstration (Spanish):

YouTube video <https://youtu.be/zNliRtFY5vA>

Articles used

S-30-15-N: Disc magnet Ø 30 mm, height 15 mm (www.supermagnete.it/eng/S-30-15-N)

S-15-05-N: Disc magnet Ø 15 mm, height 5 mm (www.supermagnete.it/eng/S-15-05-N)

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