Application No. 677: Ball made with sphere magnets
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Step-by-step instructions for a ball made of magnetic spheres

YouTube Video: www.youtube.com/watch?v=hcbu17H8j8U

Creating a ball from magnetic spheres
I have owned a set of magnetic spheres for some time now and used it to build several sculptures and structures. Here, I would like to show how you can build a magnetic sphere (i.e. a ball) from triangles. You will need either:

• 120 nickel-plated sphere magnets (www.supermagnete.de/eng/K-05-N) OR
• 120 chrome-plated sphere magnets (www.supermagnete.de/eng/K-05-C)

Buy sphere magnets in the web shop (www.supermagnete.de/eng/group/spheres)

Step-by-step instructions
• Shape 6 spheres into a circle.
• Grasp the circle in two places and squeeze to create a triangle.
• Put together 20 of these triangles.
• Combine 10 of these triangles as depicted and repeat with the remaining triangles.
• Connect the two formations.
• Carefully shape everything into a ball (see video).
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www.supermagnete.de/eng/project677

Articles used
120 x K-05-C: Sphere magnet Ø 5 mm (www.supermagnete.de/eng/K-05-C)
120 x K-05-N: Sphere magnet Ø 5 mm (www.supermagnete.de/eng/K-05-N)

Online since: 08/04/2013

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