

Field Element Construction Guide

H: Prepare Magnet Balls



Read through all the instructions before you begin to build

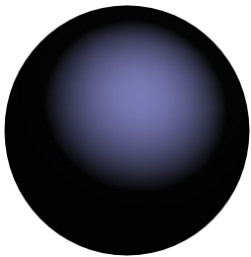
Revision History

Revision	Date	Description
1	9/1/2011	Initial Official Release
2	11/3-2011	Added proper link to purchase racquet balls Added instruction to completely seal the slit to help prevent breaks during competition.

Note: You will need to prepare 12 Magnet Balls per Field.

Item	Description	QTY	Notes / Suggested Source
H-1	Purple Racquet Balls	100	Official Bowled Over! Racquet Ball kit is available from: http://www.andymark.com/product-p/am-0945.htm
H-2	Grade N50/N52 Magnets DC1-N52	12	http://www.kjmagnetics.com/proddetail.asp?prod=DC1-N52&cat=168
H-3	Loctite® Quicktite Superglue Gel	As needed	http://www.buyonlinenow.com/viewProduct.asp?SKU=LOC0130379

H-1



H-2



H-3



TIP

Only 12 magnet balls are used during competition per field, but make a few extra to have on hand!

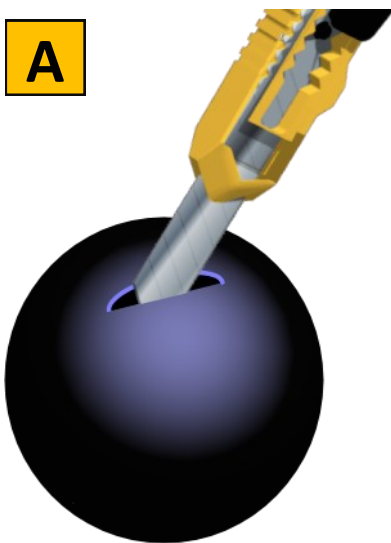
Insert Magnets into Racquet Balls

1

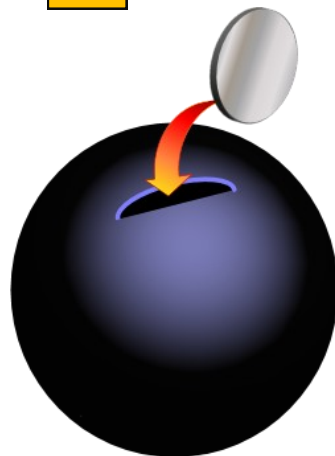
- A. Use a sharp utility knife to make a slit ~ 1" long into the racquet ball. **Important: Keep the slit as smooth and straight as possible. This will make it easier to seal.**
- B. Drop the magnet into the ball through the slit.
- C. Use the superglue to seal the cut. **Important: The seal must be closed cleanly so it is NOT readily visible.**

CRITICAL: Be certain the slit is COMPLETELY sealed. Even the smallest pin-hole left behind may cause the ball to break. A proper and complete seal will make a break less-likely during competition.

A



B



C

