

## Adjusting Quadway Hoops

### Contents

Scope.....	1
Changing the hoops .....	2
Specifications .....	2
Conversions.....	2
History.....	2

### Scope

United Croquet Club uses Atkins Quadway hoops on all lawns.

These hoops have four width settings to cater for normal club use and tournament use. The width is adjusted by rotating one or both wires (uprights) by half a turn.

The board that is visible through the equipment shed window indicates if hoops are set to the normal setting or tournament setting. However, it is possible that the hoops are adjusted and the board is not updated. You need to be able to understand the hoop settings so you can check.

One wire adjusts the width to  $3\frac{3}{4}$ " or  $3\frac{11}{16}$ ". The other wire has the option of reducing the width by  $\frac{1}{32}$ " from the nominal setting.

The settings are indicated by a mark on the inside top of the carrot.



$3\frac{3}{4}$ " setting

$3\frac{11}{16}$ " setting

Equal setting

Minus setting

With the equal setting the width will be  $3\frac{3}{4}$ " or  $3\frac{11}{16}$ " depending on the other wire setting. With the minus setting the width is reduced by  $\frac{1}{32}$ ".

## Changing the hoops

To change a hoop setting, use the hex key to loosen the screw, pull the wire down, rotate the wire and tighten the screw.



Loosen the screw



Pull wire down,  
rotate and tighten



Hex key

Note that the final hoop width can be influenced by the soil and the way the hoops are inserted.

## Specifications

Nominal hoop height (ground to top of crown) 12" ± ½"

"Normal" hoop width: 3¾" to 4".

Narrower hoop widths are usually used for tournaments.

Ball nominal diameter 3<sup>5</sup>/<sub>8</sub>" ± 1/<sub>32</sub>"

## Conversions

12"	304.80mm
4"	101.60mm
3¾"	95.25mm
3 <sup>11</sup> / <sub>16</sub> "	93.66mm
3 <sup>5</sup> / <sub>8</sub> "	92.07mm
½"	12.70mm
1/ <sub>32</sub> "	0.79mm

## History

Version	Date	Author	Changes
1	6 Apr 2017	John Yarrall	New document