



# FISTF Measuring Tool – Directions of use

## Introduction

The FISTF Board decided to introduce a new measuring tool in order to avoid any transformation of playing equipment that does not respect the regulations. The measuring tool has been validated and will serve as means of control in international events governed by FISTF.

FISTF hopes that the use of the tool will:

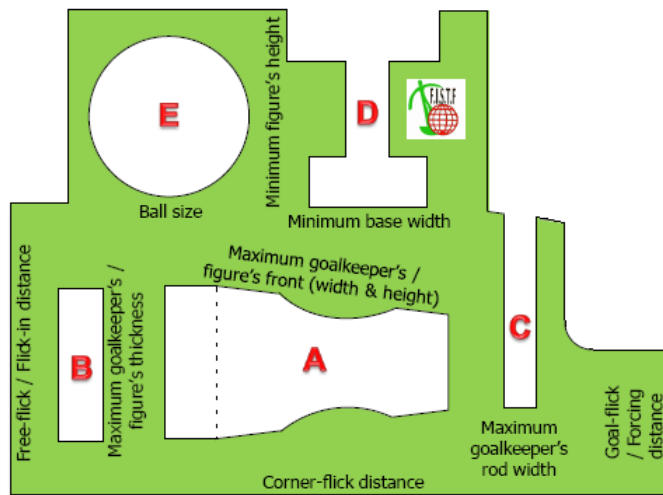
1. Help players avoid useless purchases, by giving them the ability to check beforehand that the equipment they buy is fully compliant with FISTF regulations.
2. Help FISTF events' organisers make sure that no illegal equipment is used during the events.
3. Discourage players from modifying the equipment they possess, in order to gain illegal advantage against other players.
4. Help producers/resellers prove to potential customers that the equipment they produce and/or sell is fully compliant with FISTF regulations.

The tool will be available for distribution before Manchester World Cup 2012, where it will first be used officially. It is made of hard plastic (3mm thick) and it is small enough to be carried with other table football equipment.

## The measuring tool

### Measuring tool design

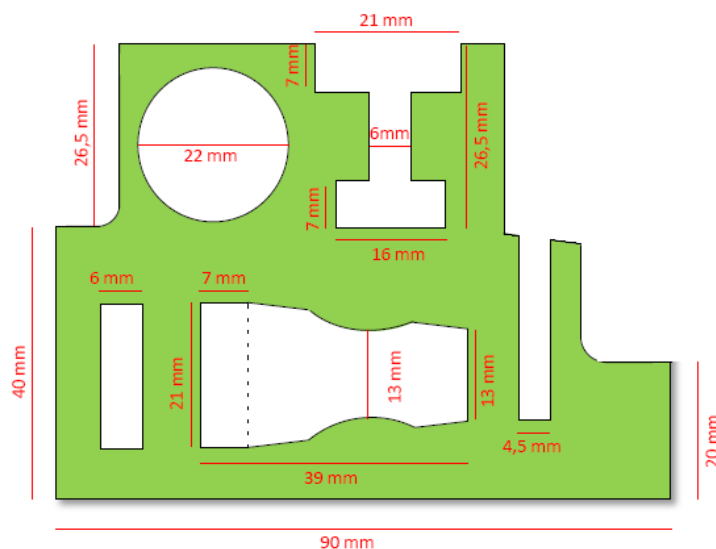
The measuring tool is a small plastic card with sides of specific measurements and five openings for checking table football equipment dimensions. The legends next to each opening explain what is measured with the use of the particular opening.



Layout

### Measuring tool dimensions

Each opening has certain dimensions in order to allow checking of table football equipment against the officially regulated sizes of table football equipment (playing figures, goalkeepers, balls). However, it is very important to point out that a 0,2-0,3 mm tolerance has been applied to all openings' dimensions, to allow for small deviations of equipment size, due to minor production errors. Thus, players are excused if any of their equipment is slightly different than regulated.



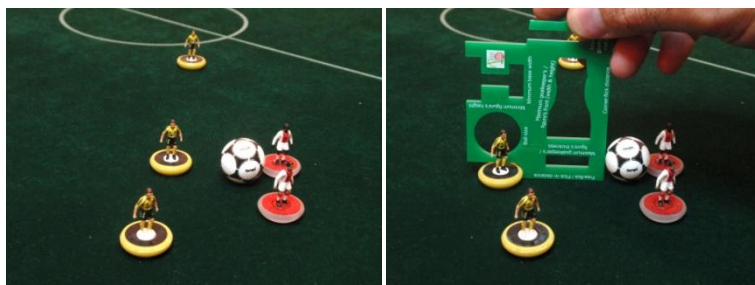
Measurements

## Directions of use

### Measuring distances

#### Measuring minimum distances between the ball and defending playing figures

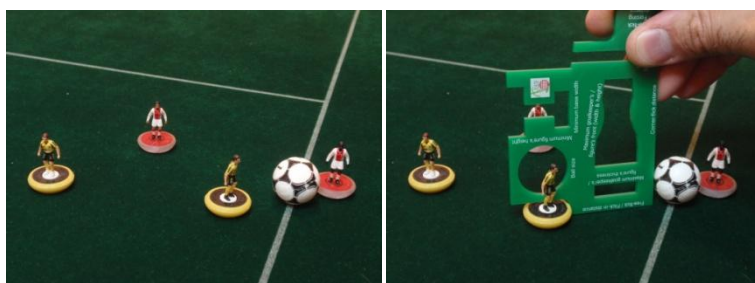
The measuring tool may be used for measuring minimum distances between the ball and any defending playing figure, before the taking of a free-flick, a corner-flick or a flick-in.



*Measuring distance before a free-flick*



*Measuring distance before a corner-flick*



*Measuring distance before a flick-in*

#### Measuring minimum distances between playing figures

The measuring tool may be used for measuring minimum distances between attacking and defending playing figures, before the taking of a goal-flick.



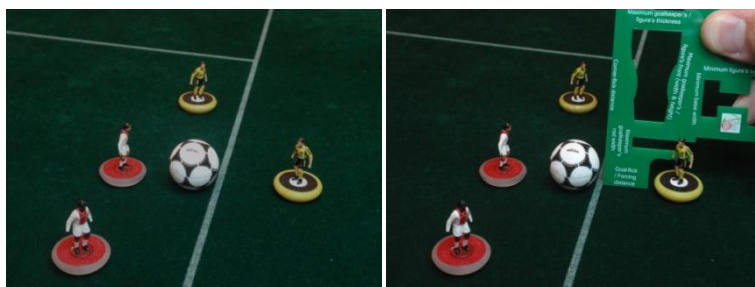
*Measuring distance before a goal-flick*

**Measuring maximum forcing distance**

The measuring tool may be used for measuring maximum forcing distance between the goal-line / touchline and a defending playing figure which stands outside the playing area, before the forcing of a corner-flick, a goal-flick or a flick-in.



*Measuring forcing distance - Flick-in can be forced*



*Measuring forcing distance - Flick-in cannot be forced*

**Deciding if the ball has gone past a line**

The measuring tool may help the referee of a game to decide if the ball has gone past a line or not. By holding the tool upright next to the ball, it is easy to see if the ball has crossed the line or not.



*Deciding if the ball is inside the shooting area – The ball is outside*



*Deciding if the ball is inside the shooting area – The ball is inside*



*Deciding if the ball is inside the goal – The ball is outside*

## Measuring playing figures

### Checking playing figure's maximum front (maximum width & height of playing figure's base, maximum width of playing figure's body & playing figure's maximum height)

Holding the playing figure in a way that a) it faces the measuring tool and b) the bottom of the playing figure's base touches the bottom edge of opening A, the playing figure must be possible to pass clearly through the opening (i.e. without being impeded by the edges of the opening).



*Checking playing figure's maximum front*

### Checking maximum thickness of playing figure's body

Holding the playing figure in a way that a) its body is vertical to the measuring tool layer and b) the body's shoulders line is parallel to the length of opening B, the playing figure's body must be possible to pass clearly through the opening from top to bottom (i.e. without being impeded by the edges of the opening).



*Checking maximum thickness of playing figure*

### Checking playing figure's minimum height

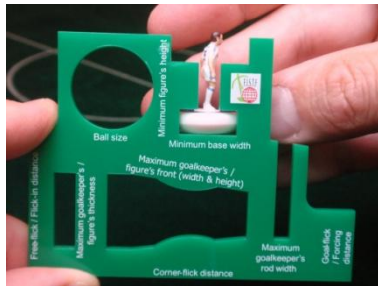
Having the playing figure rest upright on a hard level surface and holding the measuring tool in a way that a) the measuring tool is held vertically upon the surface, b) the playing figure is placed right next to opening D and c) the body's shoulders line is vertical to the measuring tool layer, the playing figure must NOT be possible to pass through the opening in terms of height.



*Checking playing figure's minimum height*

**Checking minimum width of playing figure’s base**

Holding the playing figure in a way that a) the bottom of the playing figure’s base touches the bottom edge of opening D and b) the body’s shoulders line is vertical to the measuring tool layer, the playing figure’s base must NOT be possible to pass through the opening.



*Checking minimum width of playing figure’s base*

## Measuring goalkeepers

### Checking goalkeeper's maximum front (maximum width & height)

Holding the goalkeeper in a way that it faces the measuring tool, the goalkeeper must be possible to pass clearly through opening A (i.e. without being impeded by the edges of the opening). For "sports" goalkeepers the tool must be held upside down, so that the wider side of the opening A will be the placeholder for the goalkeeper's base.



*Checking goalkeeper's maximum front*

### Checking maximum thickness of goalkeeper's body

Holding the goalkeeper in a way that a) its body is vertical to the measuring tool layer and b) the body's shoulders line is parallel to the length of opening B, the goalkeeper's body must be possible to pass clearly through the opening from top to bottom (i.e. without being impeded by the edges of the opening).



*Checking maximum thickness of goalkeeper's body*

### Checking maximum width of goalkeeper's rod

Holding the goalkeeper in a way that its rod is vertical to the measuring tool layer, the goalkeeper's rod must be possible to pass clearly through opening C (i.e. without being impeded by the edges of the opening) while the rod moves through the opening from one end of the rod to the other.



*Checking maximum width of goalkeeper's rod*



## Measuring the ball

### Checking the size of the ball

The ball must be possible to pass clearly through opening E (i.e. without being impeded by the edges of the opening).



*Checking the size of the ball*