

**Sizes of products (mm)**



**Inflatable ring (adult):**  
Outer ring diameter = 1200  
Inner ring diameter = 600  
Height = 300



**Inflatable ring (child):**  
Outer ring diameter = 600  
Inner ring diameter = 250  
Height = 175

Height is represented by  
the arrow above



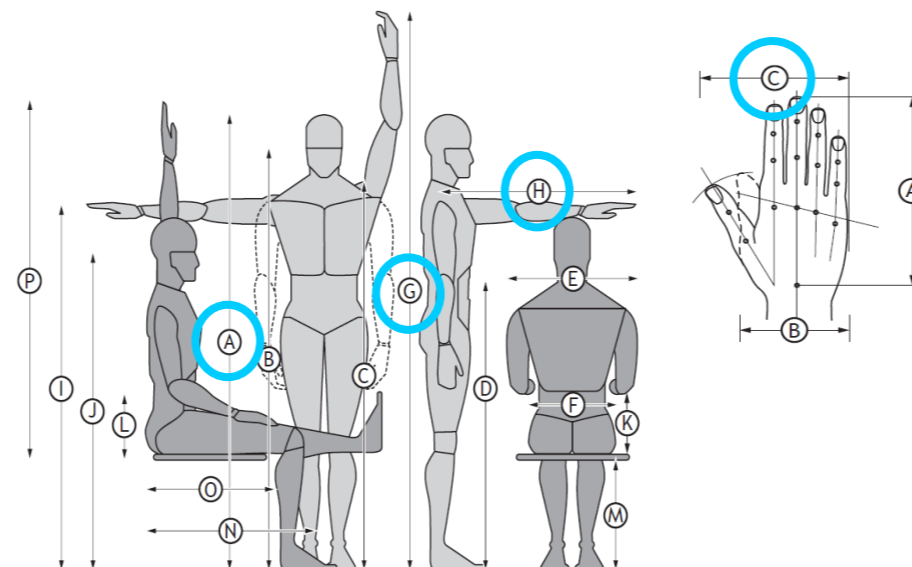
**Inflatable beach ball:**  
Diameter = 610 (when  
fully inflated)



**Bucket:**  
Height = 170  
Diameter = 165 (at top)

**Spade:**  
Total length = 250  
Spade width = 100  
Neck diameter = 40

**Anthropometric data**



Hand and head	Adult male			Adult female		
	Percentile			Percentile		
	5th	50th	95th	5th	50th	95th
C Hand span	97	107	116	83	92	101
Standing and seated figures	5th	50th	95th	5th	50th	95th
A Height	1642	1756	1870	1515	1621	1827
G Vertical reach	2065	2231	2398	1898	2205	2051
H Forward reach	760	820	879	671	738	804

I have selected the 5<sup>th</sup> percentile adult female sizes for the height, vertical reach and forward reach, as this will allow all employees to handle the product to store and display items.

There will need to be enough space for all employees to access the items, so I have used the 95<sup>th</sup> percentile adult male hand span for this.

**Specification**

The specification should include key points from the brief and research to detail the requirements of the proposal.

It should clarify aspects such as aesthetics, function, ergonomics, performance, and cost.

## Copyright Acknowledgement

Beach Ball - irin-k/Shutterstock.com

Bucket - joingate/Shutterstock.com

Rubber ring - KWstudio/Shutterstock.com