

The measurments that I will need to consider are the weakest in the 5th% because if they can use it anyone will be able to. I will need to consider measurement F because my handle can be no bigger than that. I will also need to consider measurement E because that will be the minimunlength that my handle can be

For my utensil there is a lot of wrist movement and this can be uncomfortable. To make sure that the utensil doesn't need to be used for a long period of time I would have to make the spoons rather large this means more salad is being picked up at one time. I would also have to make sure the material luse isn't too slippery that way not to much force has to be oput into the grip. Ridges would help with this issue.

Important things that I will need to consider in my design are the diameter and thickness of the handles. This helps with not only strenght of the utensil but grip. Something else to consider in relation to grip is ridges so the hands have something to hold onto rather than a stright cylinder. I have to look at length which I will determine from other utensils from the information I have gathered. I will have to consider the weight as I know that the user will only use one hand for each server. The materials will be something to conside rand this will be in relation to weight and shape as in whiether I will be able to achieve the shape I want using the



For the salad server I thought that it was a cross over of both grips because the user will need power for scooping but precision for locating object. For this to work I will needn ridges in the handle to make the movements controled and stop the hand from slipping and for power the width of the handle should be a certain thickness.

Through the data gothered I believe an average brendth. of 60mm shall be appropriate for a lot of solar to be ficked up at 100 me time. Comparing Antropometric Data with Data Collected from Kitchen Utensil Analysis





Changes 1 made of started with a 2cm by 17cm handle and was told it was too thin and short. I then tried a 3cm by 24cm Loundle and was told the length was good by the handle was "like holding a broom" so 7 went to 2 semby 24cm to be told it was still too thick and when I tryed the 2cm width again I was told it was alright.

Power grips,

I want to make sure the landle isn't to small and therefore has to

grasped to tightly causing cramp also don't went it too big

between thumband dorefunger

I want to also consider thunk and smallest linder. My mains Jiander is 43mm : I think I would

the to use a 20mm diameter

I there fore some people are wall to hold it. The meause mont have is for maximum grip

· I wied cardboard volume models so people could give my their opinion on bandle length and width.

I have found that the leaves to shall have to be

fairly large so excessive use is not needed and the

job can be done quicky.

of asked for people to hold the 3 hardle and tell me about comfort

From my testing I Lound :

. That 2 cm was a good width and 24 cm was a good length

. I did not find that anthropometric data helped me much as I was only able to establish maximums and minimums. I had to discover comfort through many tests.

o I was also given the idea to put a Look on the ord of the salad servers so it may have off a bowl. After playing around with the idea I decided the minor gains were out we ighed by the aesthetic costs.

To make my shape I have depicted plastic is the best option. There have been comments, about plastic being slipping therefore the tridges will be incorporated. Plastic is the national T will need to achieve the chape and detail in leaves that 1 want aesthetically

> The shape of the leaves is like a traditional spoon and that will backe the aesthtics also

- In going to make the handles 170mm long and 18mm thick. This is so the parson leads can grip the servers comfortably and without much effort.

The grip will be easy because it uses ridges making if will compensate for the mentioned signery phase. This will knease amount of force related in grip.

The use of plastic will also help with the weight issue as plastic is rather light.