

THE MULTI-FUNCTION SPANNER

Abstract:

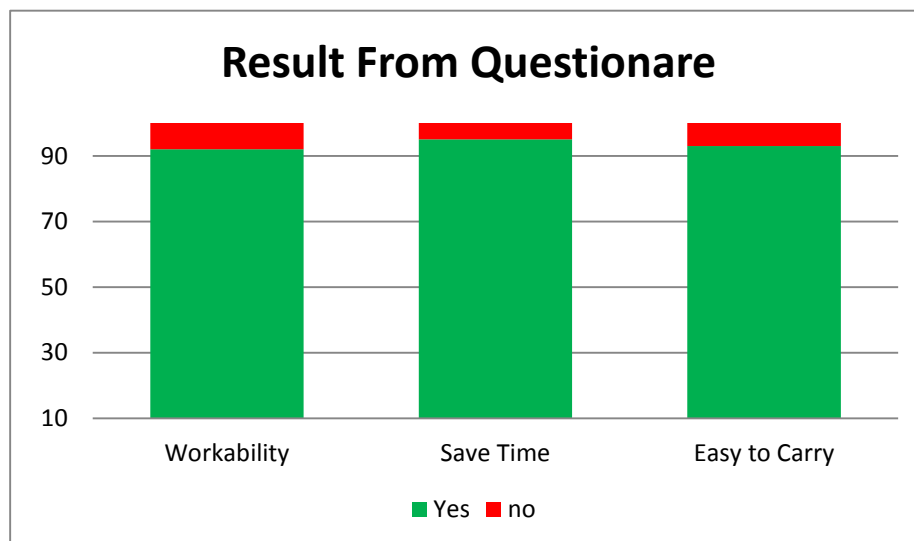
The combination of wrench is one of the strategies through trusses installation, mechanical work and all work that involve bolt and nuts. This product analyses the functional and effectiveness of The Multi-function Spanner. The focus is to identify the stiffness, effectiveness and the function of The Multi-Function Spanner in mechanical works, and crafts at Merlimau and Jasin, Melaka. There are significant factor is to compare the function of the existing spanner and the Multi-Function Spanner in term of easy to carry and save time. The Multi-function Spanner combine of many wrench for example spanner, screwdriver, Allen-key, and knife. This product was developed to overcome the problems of the workers took a long time to find equipment and they need to carry a lot of tools in the same time installation of bolts and screws typically use some type of instruments that are classified according to the type of work. The conclusion of the test on a product that has been carried out found the work can be done quickly, which employees can bring this tool to regularly and easily to the construction site and workshop. Each equipment has been put together from a number of tools to complete a set of wrench.

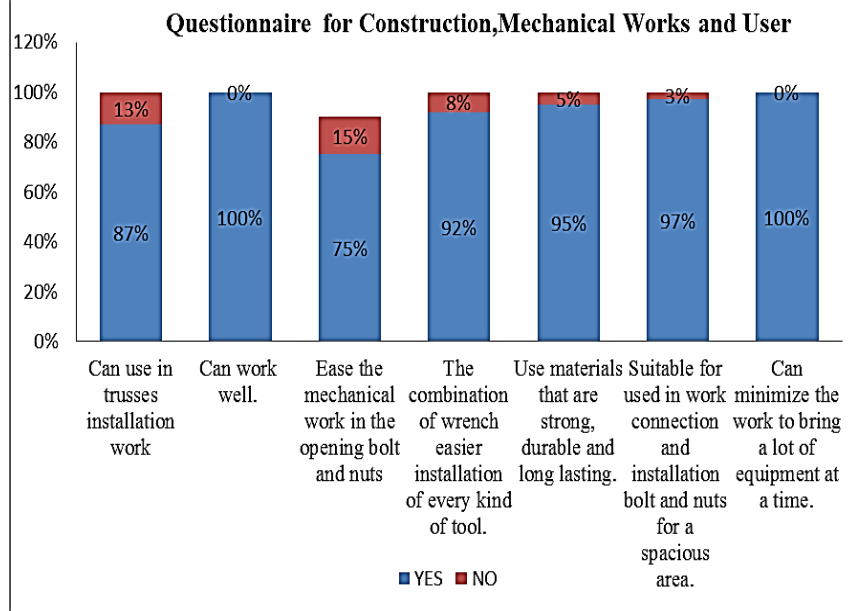
Keyword: spanner, screws, tool, multi-function

IP no:

Finding:

Based on the table, totally agree to use The Multi-function Spanner can simplify work. Result from the questionnaire.

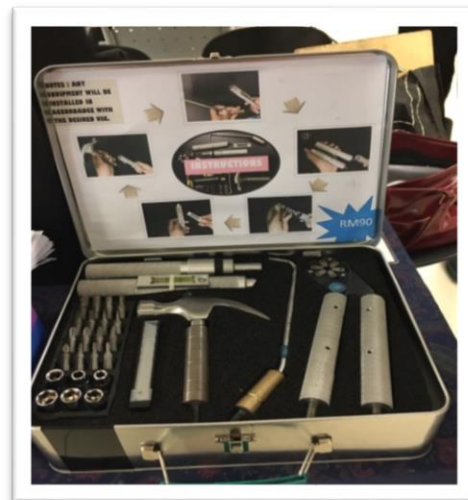
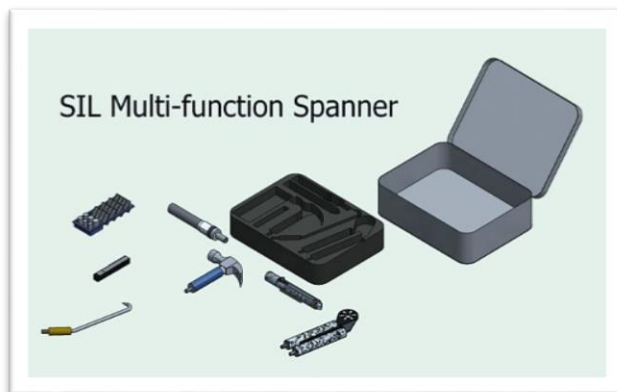




Suggestion for future work

- i. This can improve the workability of the mechanical and construction equipment as well as for improving the workability of the device.
- ii. This product can give more impact to human which are uses this product.
- iii. This product is actually easy to carry.
- iv. This can save cost buying a lot of equipment

Picture related to project



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