

Foldable Aluminium Adjustable Crutch

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Abstract: *Foldable Aluminium Adjustable Crutch select the material as per requirement. Buy material from shop like Alumium Pipe (12feet X 2pipes) , Nut & Bolts (M8X4) (M4X4) , Elastic Ropeway (5feet , Thickness 8mm) , PVC Sockets (22mm Dia) , V-Clip (2 pic) , RubberBush (2 pic) , Stainless Steel Pipe (12mm Dia) , Aluminium Strips (10 to 100mm) After this we done assembly of this material..*

Keywords: *Foldable Aluminium*

I. INTRODUCTION

Foldable Aluminium Adjustable Crutch select the material as per requirement. Buy material from shop like Alumium Pipe (12feet X 2pipes) , Nut & Bolts (M8X4) (M4X4) , Elastic Ropeway (5feet , Thickness 8mm) , PVC Sockets (22mm Dia) , V-Clip (2 pic) , RubberBush (2 pic) , Stainless Steel Pipe (12mm Dia) , Aluminium Strips (10 to 100mm) After this we done assembly of this material. Also we take measurement of aluminium pipe as mentioned above after completing whole procedure we take testing of Foldable Aluminium Adjustable Crutch weather it is ok or Not OR working properly or not.



Fig: foldable crutch



Fig: UN-Fold Crutch

Final Output

Sr. No	Working Method	Handling Method
1	Without foldable	Handle crutch without foldable with carefully.
2	With foldable	Easy to handle, less space required store.

This is the final outcome of Foldable Aluminium Adjustable Crutch, mentioned above is as seen that as per previous reference Unfoldable crutch is same but required less space to carried with us also in cheap price, easy to handle,. Now a days we see less humans needs effortless work. As per this condition this is best way for handicapped people to carried and purchased it.



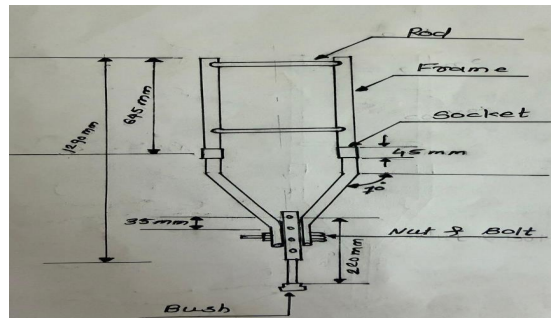


Fig Construction of foldable aluminium adjustable crutch

The foldable aluminium axillary crutch helps a person walk by transferring body weight from the legs to the upper body. The user places the crutch under the arm and grips the handle firmly to support their weight while moving forward. The crutch frame is made of lightweight aluminium, making it easy to handle. It has a folding mechanism with hinges or joints that allow it to be folded for storage or carrying, and a locking system keeps it secure during use. The height can be adjusted to suit the user, and the rubber tip at the bottom prevents slipping, providing safe and comfortable movement for people with leg injuries or disabilities.

II. RESULT



The foldable aluminium adjustable crutch is lightweight, durable, and easy to carry. It provides strong support, height adjustability for different users, and can be conveniently folded for storage and transport. It improves mobility, comfort, and independence for individuals with walking difficulties.

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