

## Reinforced Hollow Plate Turnover Box

The main body of the reinforced hollow plate turnover box is an upper open box body, which includes the bottom, front, back, left, right board and the top wrapping Angle and the bottom wrapping Angle.

In the existing technology, there is a kind of relatively light box in the circulation box -- hollow board box, whose structure is: set a number of engraving lines on a whole plastic hollow board and then fold it into the box body, and then set protection Angle at each corner of the box body. This kind of hollow plate box only has the protection Angle at the corner, the strength is not high, the load-bearing capacity is limited.

### Advantages of the turnaround box:

The reinforced hollow plate turnover box is fixed with rivets at the end of each edge protection bar and the top and bottom cladding Angle, which forms a fixed frame structure and greatly improves the mechanical performance of the hollow plate box.

### Schematic diagram of reinforced hollow plate turnover box:

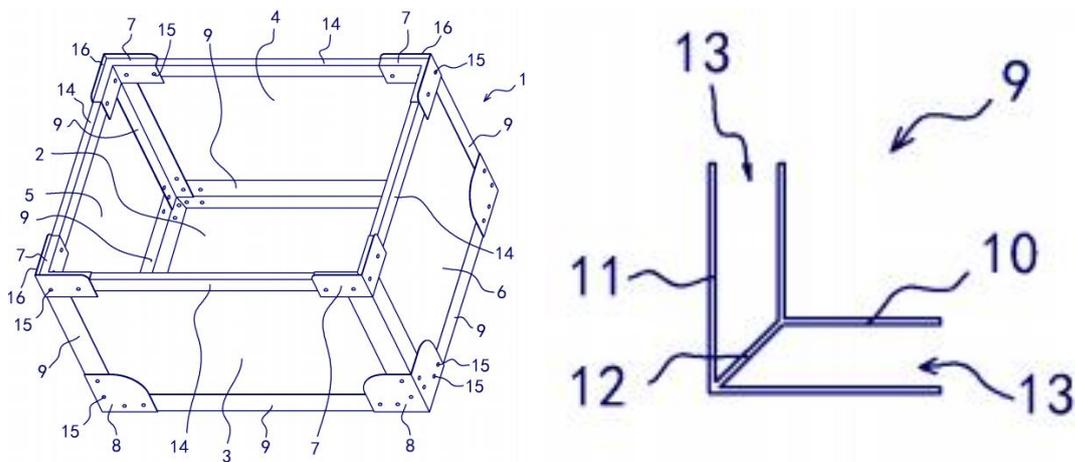


Figure 1 stereogram/figure 2 end face diagram of edge guard bar

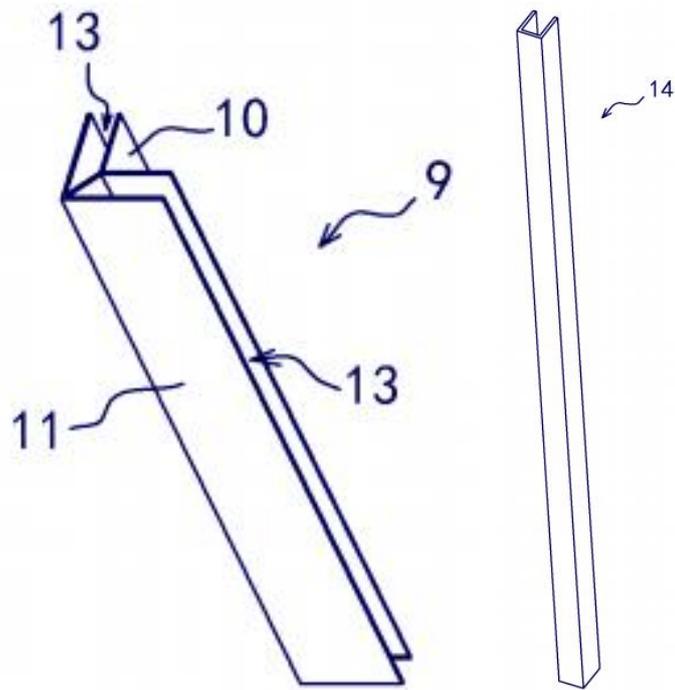


Figure 3 A three-dimensional diagram of an edge guard bar/ Figure 4 A stereogram of the top bar

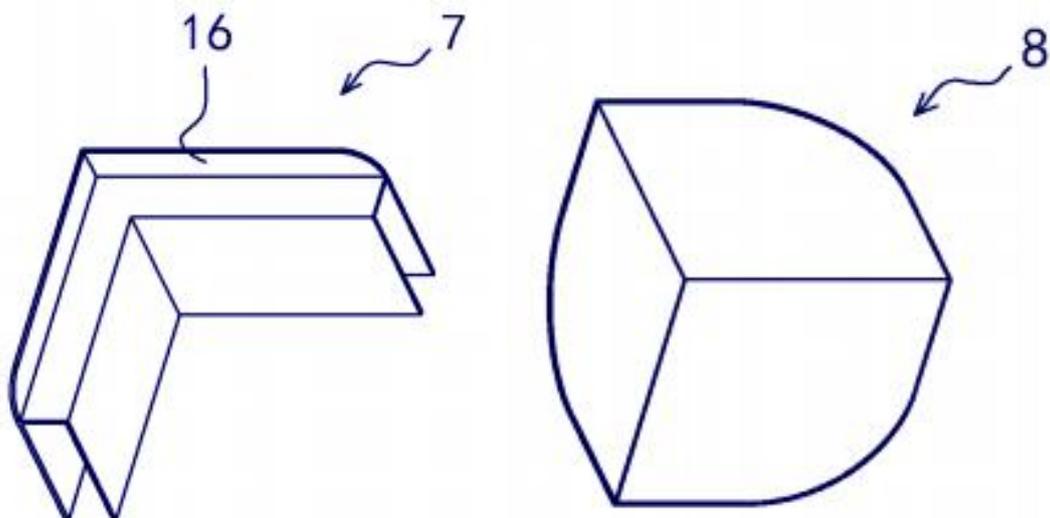


Figure 5 A stereogram of the crown Angle/ Figure 6 A stereogram of the bottom envelope  
 1 case; 2 Bottom side plate; 3 front side plate; 4 rear side plate; 5 left board; 6 right board; 7 roof Angle; 8 base wrapping Angle; 9 rib protection strip; 10 inner L-shaped Angle bars; 11 outer L-shaped angled strip; 12 connection part; 13 socket; 14 upper bars; 15 rivet; 16 guard

**Product parameters:**

Textures: PP powder

Thickness: 8mm-12mm, The best is 10mm

Usage: Hardware, electronic components, meticulous, food, pharmaceuticals, grooming,

footwear, postal services, automotive accessories, pharmaceuticals and other products of the industry packaging and transport flow.

**Characteristics of the turnaround box:**

- 1.The bottom side plate, front side plate, rear side plate, left side plate and right side plate are hollow plates with a thickness of 8mm ~ 12mm, the best thickness is 10mm.
- 2.The outer edge of the top of the parapet Angle extends upward with a fender. When stacking, the bottom four corners of the upper turnover box are embedded in the four top enveloping corners of the next turnover box.
3. The top Angle and bottom Angle package are placed on the bottom Angle and top Angle of the box body, and are also superimposed on the end of the corresponding edge protection bar. The top Angle and bottom Angle are fixed and connected with the end of the corresponding edge protection bar with rivets.

**Functional characteristics of reinforced hollow board circulation box:**

- 1.According to the product characteristics, the box can add knife card, flat plate, can increase the turnover of the box strength, strong and durable. The inner side of the box and the knife card are pasted with pearl cotton. EVA foam cotton, anti-static cotton and other auxiliary materials, can effectively prevent the collision and scratch during the transportation and handling of products.
- 2.Can be capped, using stainless steel or magic laminating page, easy to open and close and can ensure that the contents of the box no leakage and no dust cover.
- 3.The box is equipped with a button, suitable for single handling.
- 4.The corners and side strips reinforce and protect the box body, which can make multiple boxes overlap, effectively use the workshop space, and increase the storage capacity. The boxes can be stacked neatly for 2-5 floors.
- 5.Add side of the box can be equipped with a standard card bag, easy to identify the goods inside the box.
- 6.The boxes are recyclable.To achieve the purpose of reducing cost and saving consumable materials. Defective boxes can be maintained. Such as changing board, changing corner, changing edge strip, and rubbish box can recycle.
- 7.Four casters can be added at the bottom of the box for easy driving.