Straight-Spike Floating Weeder

Technical drawings

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Figure 1: Pictorial view of Straight-Spike Floating Weeder assembly (without handle)
Figure 2A: Pictorial view of the Straight-Spike Floating Weeder assembly
Figure 3B: Technical drawing of the Straight-Spike Floating Weeder assembly
Figure 4: Positioning of important parts of the Straight-Spike Floating Weeder
Figure 5A: Pictorial view of frame with floater
Figure 6B: Technical drawing of frame with floater

NB: Floater is an integral part of a frame. Material used is 2 mm thick mild steel plate.
Figure 7A: Pictorial view of handle supporter
Material used is 25 mm x 2 mm mild steel flat bar
Figure 10B: Technical drawing of handle
Figure 11A: Pictorial view of tilling finger
Figure 12B: Technical drawing of tilling finger

Tilling drum finger is obtained by bending of a 1.5 mm mild steel plate of specified dimensions.
Figure 13A: Pictorial view of tilling drum prism
Figure 14B: Technical drawing of tilling drum prism
Figure 15A: Pictorial view of tilling drum
Figure 16B: Technical drawing of tilling drum

NB: Tilling fingers are welded to the tilling prism to make a tilling drum

Tilling drum finger

Tilling drum prism

Plan view

Front view

Perspective

Designed by: [Name]
Checked by: [Name]
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Date: [Date]

Japan type weeder
Tilling drum