



**Farm Machinery Testing and Training Centre**  
**Department of Farm Power and Machinery**  
**College of Agricultural Engineering and Technology**  
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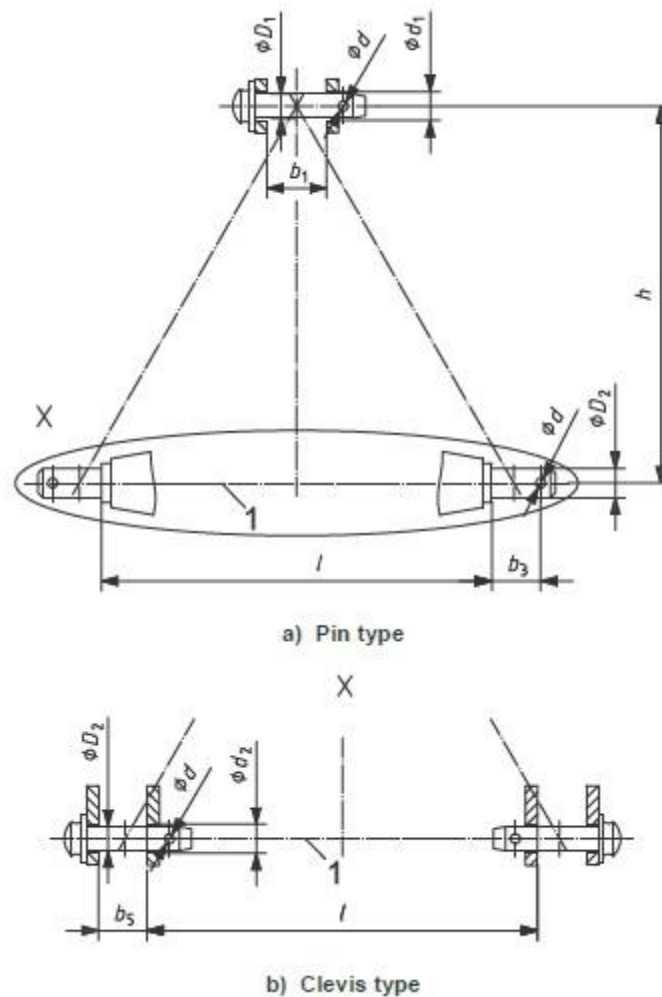
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**SPECIFICATION SHEET OF SUBSOILER**

<b>1</b>	<b>General</b>		
	Name & address of manufacturer	:	
	Name & address of applicant	:	
	Type	:	
	Make	:	
	Serial Number	:	
	Model	:	
	Year of manufacture	:	
	No. of plough bottom	:	
	Size of plough, mm	:	
	Recommended power source	:	
	Power source use, kW	:	
<b>2</b>	<b>Constructional Details</b>		
<b>2.1</b>	<b>Main frame</b>		
	Constructional details	:	
	Size, mm	:	
<b>2.2</b>	<b>Standard</b>		
	Numbers	:	
	Material	:	
	Type	:	
	Dimensions, mm	:	
	Projected length	:	

	Curved length	:			
	Width	:			
	Thickness	:			
	No., size and spacing of hole on each standard for fixing share to it, mm	:			
	No. and size of bolts for tightening share to the Standard, mm	:			
	Method of fixing	:			
	Provision of height adjustments	:			
<b>2.3</b>	<b>Share</b>				
	Numbers	:			
	Type	:			
	Dimensions, mm	:			
	No., size and spacing of hole on each share for fixing it to standard, mm	:			
	Method of fixing share to the standard	:			
<b>2.4</b>	<b>Implement hitch point as per IS</b>				
	Type	:			
	Constructional details	:			
	<b>Three point linkage: ( Refer Fig.1 )</b>				
	<b>Three point linkage Dimensions, mm</b>				
	<b>Sr. No.</b>	<b>Notations</b>	<b>As per IS: 17231:2019 (1N, 1, /2N, 2), mm</b>	<b>As measured, mm</b>	<b>Remarks</b>
	<b>I</b>	<b>Upper hitch point</b>			
	D <sub>1</sub>	Diameter of hitch pin	19 (0-0.08)/ 25.5 (0-0.13)		
	b <sub>1</sub>	Width between inner faces of yoke	52 (Min.)		
	<b>II</b>	<b>Lower hitch points</b>			
	D <sub>2</sub>	Diameter of hitch pin	22 (0-0.2)/ 28 (0-0.2)		
	b <sub>3</sub>	Linch pin hole distance	49 (Min.)		
	b <sub>5</sub>	Clevis width	65+20		

l	Lower hitch point span	400±1.5, 683±1.5, 683±1.5, 825±1.5		
<b>III</b>	<b>Other dimensions</b>			
d	Diameter for linch pin hole			
	Upper hitch pin	12 (min.)		
	Lower hitch pin	12 (min.)		
h	Mast height	360±1.5 460±1.5 610±1.5 610±1.5		



**Fig 1 Dimensions related to implement hitch attachment**

<b>3</b>	<b>Overall dimensions, mm (L x B x H)</b>	:	
	Length x Width x Height	:	
<b>4</b>	<b>Mass of implement, kg</b>	:	
<b>5</b>	<b>Colour of implements</b>	:	

Place:

Date:

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Designation: \_\_\_\_\_