



**Farm Machinery Testing and Training Centre**  
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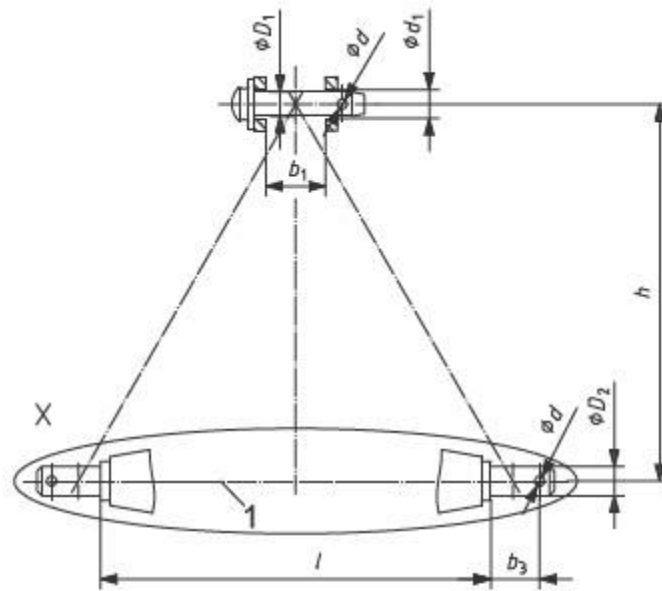
**Specification sheet for Disc harrow**

<b>1</b>	<b>General</b>		
	Name and address of manufacturer	:	
	Name and address of applicant		
	Name of machine	:	
	Type	:	
	Make	:	
	Model	:	
	Serial No	:	
	Size, mm	:	
	Year of Manufacture	:	
<b>2</b>	<b>Source of Power</b>		
	Animal	:	
	Tractor	:	
	Power range, kW	:	
<b>3</b>	<b>Type harrow</b>		
	Single action	:	
	Double action	:	
	Off-set	:	
	Tandem	:	
<b>4</b>	<b>Type of hitching</b>		
	Trailed	:	
	Mounted	:	
<b>5</b>	<b>Gangs</b>		
	Number of gangs	:	
	Number of discs in each gang	:	
	Disc spacing	:	
	Gang angles		
	Minimum operating angle	:	

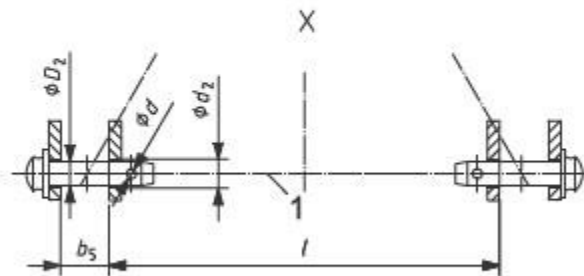
	Maximum angle	:	
6	Concave discs		
	Type	:	
	Plain	:	
	Notched	:	
	Flat centred	:	
	Diameter, mm	:	
	Thickness, mm	:	
	Concavity, mm	:	
	Centre hole		
	Square	:	
	Circular with key-way	:	
	Type of bevelling		
	Single	:	
	Stepped	:	
	Length of bevel, mm	:	
	Angle of bevel	:	
	Notch		
	Number	:	
	Width	:	
	Depth	:	
	Edge thickness, mm	:	
7	Plain Spool		
	Length	:	
	End diameters	:	
	Axle hole size	:	
8	Axle		
	Type	:	
	Size, mm	:	
	Length	:	
	Method of fixing to frame	:	
9	Bearing		
	Type	:	
	Size, mm	:	
	Whether fitted with oil seal	:	
10	Lubrication		
	Type	:	
	Recommended lubricant	:	
	Recommended periodicity	:	

<b>11</b>	<b>Beam</b>				
	Method of attachment		:		
	Size, mm		:		
	Length, mm		:		
<b>12</b>	<b>Hitching Pin</b>				
	Pin diameter		:		
	Top link		:		
	Lower link		:		
	Pin length		:		
	Centre-to-centre distance between holes of hitch points		:		
<b>13</b>	<b>Implement hitch point as per IS</b>				
	Type		:		
	Shape		:		
	Material of construction		:		
	Constructional details		:		
	<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>			
	<b>D1</b>	<b>Diameter of hitch pin</b>	<b>19 (0-0.08)/ 25.5 (0-0.13)</b>		
	<b>b1</b>	<b>Width between inner faces of yoke</b>	<b>52 (Min.)</b>		
	<b>II</b>	<b>Lower hitch points</b>			
	<b>D2</b>	<b>Diameter of hitch pin</b>	<b>22 (0-0.2)/ 28 (0-0.2)</b>		
	<b>b3</b>	<b>Linch pin hole distance</b>	<b>49 (Min.)</b>		
	<b>b5</b>	<b>Clevis width</b>	<b>65+20</b>		
	<b>l</b>	<b>Lower hitch point span</b>	<b>400±1.5, 683±1.5, 683±1.5, 825±1.5</b>		
	<b>III</b>	<b>Other dimensions</b>			
	<b>d</b>	<b>Diameter for linch pin hole</b>			
		<b>Upper hitch pin</b>	<b>12 (min.)</b>		

	<b>Lower hitch pin</b>	<b>12 (min.)</b>		
<b>h</b>	<b>Mast height</b>	<b>360±1.5</b> <b>460±1.5</b> <b>610±1.5</b> <b>610±1.5</b>		



a) Pin type



b) Clevis type

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

<b>14</b>	<b>Adjustment</b>		
	Angling adjustment	:	
	Height adjustment	:	
<b>15</b>	<b>Accessories</b>		
	Scraper	:	
	Gauge wheel	:	
	Transport wheels/arrangement	:	

	Loading platform	:	
<b>16</b>	<b>Overall dimensions, mm</b>		
	Length	:	
	Width	:	
	Height	:	
<b>17</b>	<b>Mass, kg</b>	:	
<b>18</b>	<b>Colour of implement</b>	:	

Place:

Date:

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

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

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