



Farm Machinery Testing and Training Centre
Department of Farm Power and Machinery
College of Agricultural Engineering and Technology
DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH
AKOLA- 444 104 (MS)



E-mail: fmtt28@gmail.com

SPECIFICATION SHEET OF SUBSOILER

1	General	
	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	
2	Constructional Details	
2.1	Main frame	
	Constructional details	
	Size, mm	
2.2	Standard	
	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				
2.3	Share				
	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				
2.4	Types of hitch and its details				
	Type				
	Constructional details				
	Three point linkage: (Refer Fig.1)				
	Three point linkage Dimensions, mm				
	Sr. No.	Notation	As per IS:4468-2001 (Cat-I/Cat-II)	As measured	Remarks
	I	Upper hitch point			
	a)	Diameter of hitch pin (A)	18.92 to 19.00/ 25.37 to 25.50		
	b)	Diameter of hitch pin hole (B)	19.30 to 19.50/ 25.70 to 25.91		
	c)	Linch pin hole distance (D)	76.00 (Min.)/ 93.00 (Min.)		
	d)	Width between outer faces of yoke (E)	44.50 (Min.)/ 52.00 (Min.)		
	e)	Width inner faces of yoke (F)	69 (Max.)/ 86 (Max.)		
	II	Lower hitch points			
	a)	Diameter of hitch pin	21.8 to 22.00/ 27.8 to 28.00		

	b)	Diameter of hitch pin hole (H)	22.4 to 22.65/ 28.7 to 29.00		
	c)	Linch pin hole distance (K)	39.00 (Min.)/ 49.00 (Min.)		
	III	Dia. of linch pin hole			
	a)	Upper hitch pin (L)	12.00 (Min)		
	b)	Lower hitch pin (L)	12.00 (Min)		
	IV	Mast height	458.5 to 461.5/ 608.5 to 611.5		
	V	Lower hitch point spans (N)	681.5 to 684.5/ 823.5 to 826.5		

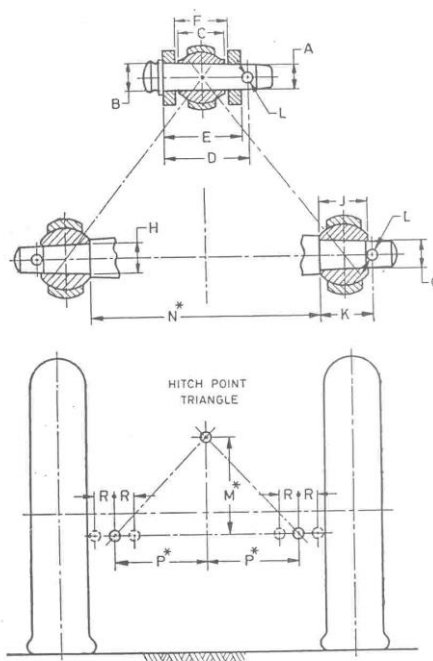


Fig. 1 Dimensions of Hitch points

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

Place:

Date:

Signature : _____

Name : _____

Designation: _____