

Click: Create a new object ⇒ Drawing ⇒ Name **CLAMP_ASSEMBLY** ⇒ Use default template ⇒ OK ⇒ Default Model Browse ⇒ **clamp_assembly.asm** ⇒ Open ⇒ Empty with format ⇒ Format Browse ⇒ **asm_format_e.frm** ⇒ Open ⇒ OK ⇒ Zoom In on the title block [Fig. 9.23(a)] ⇒ ⇒ ⇒ RMB ⇒ Properties ⇒ Drawing Options ⇒ Open a configuration file ⇒ **clamp_asm.dtl** ⇒ Open ⇒ Apply ⇒ Close ⇒ MMB

8	SW101-95TL	.500-13 X 5.00 DOUBLE END STUD	PURCHASED	1
7	SW101-8FT	CLAMP FOOT	NYLON	1
6	SW101-7BA	SWING CLAMP BALL	BLACK PLASTIC	2
5	SW101-6SW	CLAMP SWIVEL	STEEL	1
4	SW101-5AR	CLAMP ARM	STEEL	1
3	SW100-22FLN	.500-13 X HEX FLANGE NUT	PURCHASED	1
2	SW100-21ST	.500-13 X 3.50 DOUBLE END STUD	PURCHASED	1
1	SW100-20PL	CLAMP PLATE	STEEL	1
ITEM	FT NUM	DESCRIPTION	MATERIAL	QTY
		TOOL ENGINEERING CO.		A
DRAWN		1000	CLAMP_ASSEMBLY	
ISSUED			SHEET 1 OF 1	

Figure 9.23(a) BOM and Title Block

Click: Datum axes off ⇒ Datum points off ⇒ Coordinate systems off ⇒ double-click on **SCALE** in the lower left-hand of the graphics window **SCALE : 1.000** TYPE : ASSEM ⇒ Enter value for scale **1.50** ⇒ MMB ⇒ Disallow the movement of drawing views with the mouse unlock ⇒ Create a general view ⇒ Select CENTER POINT for drawing view. click where you want a top view ⇒ Geometry references ⇒ ⇒ select Reference 1 Front **CL_ASM_FRONT** ⇒ select Reference 2 Top **CL_ASM_TOP** ⇒ OK ⇒ with the view still highlighted, click RMB ⇒ Insert Projection View ⇒ click in the general area where you want a front view located ⇒ RMB ⇒ Properties ⇒ Categories Sections ⇒ 2D cross-section ⇒ ⇒ ⇒ Create New ⇒ Planar ⇒ Single ⇒ Done ⇒ type **A** ⇒ MMB ⇒ ⇒ Select or create an assembly datum pick on **CL_ASM_TOP** ⇒ Apply ⇒ Close ⇒ RMB ⇒ Add Arrows ⇒ Pick a view for arrows where the section is perp. pick in the top view ⇒ Datum planes off ⇒ LMB to deselect