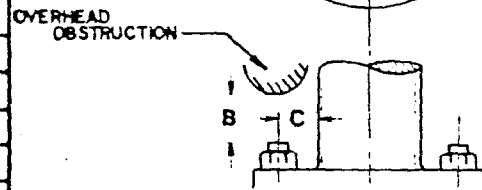
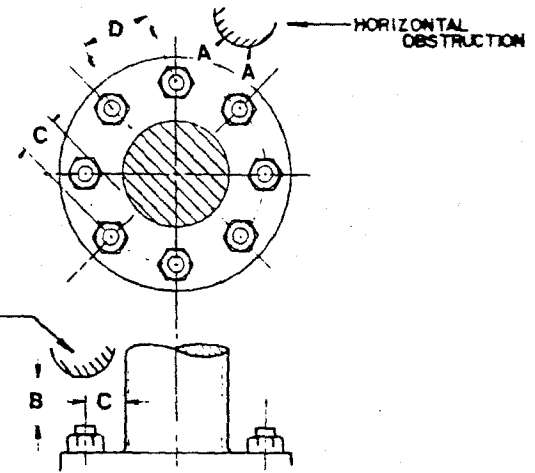
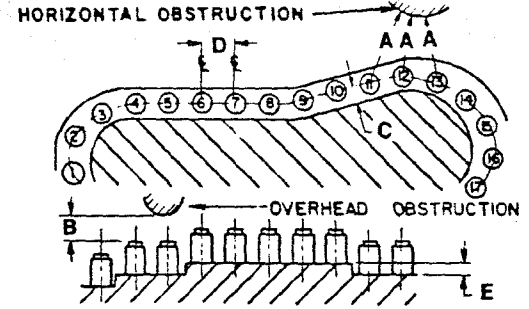


CUSTOM TOOLING APPLICATION DATA FORM

CUSTOMER _____ EQUIPMENT MFG _____
 LOCATION _____ EQUIPMENT TYPE/SIZE _____
 UNIT NAME & NO. _____ EQUIPMENT SERIAL NO. _____
 APPLICATION _____ SALES ORDER NO. _____
 WORKING ENVIRONMENT _____ PREPARED BY _____ DATE _____

BOLT NO.	TYPE OF NUT	BOLT CIRCLE DIA.	E TO E D	ELEVATION CHANGES "E"		OBSTRUCTIONS			REQUIRED TORQUE VALUES *
				UP	DOWN	"A"	"B"	"C"	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									

Prepare a sketch of the application showing bolt pattern, obstructions, elevation changes and define the dimensions in the table. If the sketches below are similar to your bolt pattern they may be used, otherwise, draw a sketch on an additional page and attach to this form. Also attach photographs and engineering drawings of the application.



* If the required torque value is not known specify: stud diameter, nut size, stud grade, lubricant, desired tension, threads per inch, extent of threading, stud solid or hollow, nut type, effective bolt length, and if threading is only at the ends, outside diameter of the stud between nut faces.

FIGURE 4.1
CUSTOM TOOLING APPLICATION DATA FORM