

Gear

Summary

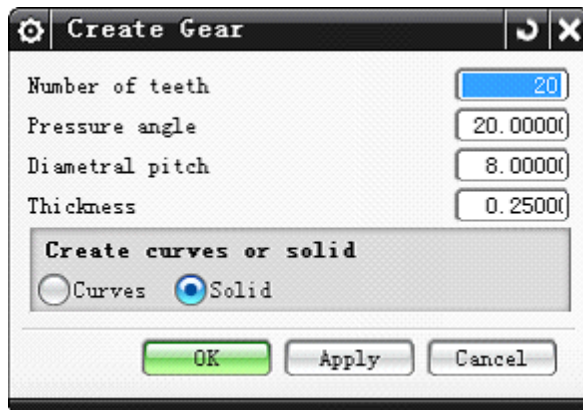
To create a gear, you should input the number of the teeth, pressure angle, diameter pitch, the thickness.

If you choose the curve option, it will create gear profile curves.

If you choose the solid option, it will create a solid gear.

User Interface

The user interface is created using a BlockForm:



The image shows a 'Create Gear' dialog box with the following fields and options:

Parameter	Value
Number of teeth	20
Pressure angle	20.0000(
Diametral pitch	8.0000(
Thickness	0.2500(

Below the fields is a section titled 'Create curves or solid' with two radio buttons: 'Curves' (unselected) and 'Solid' (selected).

At the bottom are three buttons: 'OK' (highlighted in green), 'Apply', and 'Cancel'.

Sample Output

