Assignment 5

The due date for submitting this assignment has passed. 
As per our records you have not submitted this assignment.

Due on 2019-04-03, 23:59 IST.

1) Powder metal processing involves steps in the following order:  
1. Powder manufacture  
2. Sintering  
3. Compacting of powder in a mould or die  
4. Blending of powder

1-4-3-2  
1-2-3-4  
2-3-4-1  
3-2-4-1

No, the answer is incorrect.  
Score: 0  
Accepted Answers: 1-4-3-2

2) For powder metal processing, walls should not be thinner than: 

0.060 inch  
0.058 inch  
0.054 inch  
0.052 inch

No, the answer is incorrect.  
Score: 0  
Accepted Answers: 0.060 inch

3) Recommended stock for finish machining is of the order of; 

0.8 mm

No, the answer is incorrect.  
Score: 0  
Accepted Answers: 0.8 mm
4) In sheet metal working, the MINIMUM width of a slot is equal to: 
- Material thickness or 1 mm 
- Material thickness + 0.5 mm 
- 1.5 mm 
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Material thickness or 1 mm

5) In sheet metal working, if the thickness of the sheet is T, the MINIMUM distance of a hole from the edge must be:
- 8T + bend radius 
- 6T + bend radius 
- 3T + bend radius 
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
3T + bend radius

6) For plastic processing, minimum internal radii for corners must be:
- 2.5 mm 
- 2.0 mm 
- 1.5 mm 
- 1.0 mm

No, the answer is incorrect.
Score: 0

Accepted Answers:
1.0 mm

7) For dimples in sheet metal working, if the thickness of the sheet is T, the maximum diameter should be:
- 2T 
- 4T 
- 6T 
- 8T

No, the answer is incorrect.
Score: 0

Accepted Answers:
6T

8) Typical range of tolerance for extruded parts of dimensions upto 50 mm is ______________. 
- ±0.05 mm 
- ±0.08 mm

Score: 0
9) For injection molding, the recommended draft angle is ______.

- 2°
- 1.5°
- 1°
- 0.5°

No, the answer is incorrect.
Score: 0
Accepted Answers:
±0.5 mm

10) The outside diameter of bosses should be ______ times the outside diameter of screw or insert (D).

- 2-2.4D
- 1.5-2D
- 1.8-2D
- 1-2D

No, the answer is incorrect.
Score: 0
Accepted Answers:
2-2.4D