

1. Записать и перевести тему
2. Выписать и перевести выделенные в тексте слова
3. Выполнить упр. 2,3,4 (письменно)
4. Повторить лексику по темам «Ручной и электрический инструмент»

4 Fasteners

HOME
ABOUT US
SERVICES
CONTACT



screws



nails



bolt and nut



washer



anchors



staples

Barnes Fasteners

Know the Right Fastener for Your Task

Sometimes you need more than a simple **screw** or **nail**. More complex tasks require more complex fasteners. Here are some suggestions.

Fasten structural wood-to-wood connections with heavy **bolts**. Always use a **washer** to reduce pressure. Bolts without tapered ends should be secured with a **nut**. **Anchors** hold screws or bolts in weak materials.

There's more to know about bolts, though. Know what **grade** to buy. And check if you need **UTS thread** or **metric thread**.

Smaller fasteners are equally useful. **Brads** are great for hanging pictures or other household tasks. And **staples** are not just for paper! For example, large ones attach shingles to a roof.

Reading

2 Read the website for a fastener manufacturer. Then, mark the statements as true (T) or false (F).

- 1 ___ Heavy bolts can make structural connections.
- 2 ___ Nuts should be used to secure an anchor.
- 3 ___ Shingles are attached to roofs with brads.

Vocabulary

3 Match the words (1-5) with the definitions (A-E).

- | | |
|--------------|------------|
| 1 ___ screw | 4 ___ brad |
| 2 ___ washer | 5 ___ bolt |
| 3 ___ staple | |

- A a thin, small nail with a slight projection at the top on one side
- B a metal fastener with a threaded body and held in place with a nut on the end opposite the head
- C a flat disk placed beneath a nut to distribute pressure or prevent leaking
- D a metal fastener with a threaded shank that is driven into place with a screwdriver
- E a U-shaped fastener used to hold something together by penetrating it and curling around it

4 Read the sentence pair. Choose where the words best fit the blanks.

1 **grade / anchor**

- A Use a(n) _____ if the material is too weak to hold the screw.
- B Can you tell me the _____ of that bolt?

2 **metric thread / UTS thread**

- A _____ measures a screw's thread in millimeters.
- B _____ is most commonly used in the United States.

3 **nut / nail**

- A Don't forget to secure the bolt with a _____.
- B This hammer is too small to drive this _____.

Get ready!

1 Before you read the passage, talk about these questions.

- 1 What are some different types of fasteners?
- 2 A screwdriver is used to insert what fastener?

- 5 Listen and read the website for a fastener manufacturer again. What jobs are different fasteners used for?

Listening

- 6 Listen to a conversation between two construction workers. Choose the correct answers.

- 1 What problem do the workers discuss?
 - A They need small bolts.
 - B They need different grade bolts.
 - C They cannot find the right size nuts.
 - D They used the wrong size bolts.
- 2 What will the woman likely do next?
 - A return to the tool shed
 - B take the man's bolts
 - C purchase new bolts
 - D attach the beams

- 7 Listen again and complete the conversation.

Worker 1: Joe, do you have any grade-five bolts 1 _____?

Worker 2: Um, no. Why do you ask?

Worker 1: I'm attaching structural wood beams. I 2 _____ bolts.

Worker 2: Well, I do have some grade-two bolts. 3 _____ use those?

Worker 1: Thanks, but there's 4 _____ I can use them.

Worker 2: Really? 5 _____?

Worker 1: They're too weak. They can't support 6 _____ a grade-five bolt.

Worker 2: I see. So what's your plan?

Worker 1: I'll head back to the tool shed. We have plenty of bolts there.



Speaking

- 8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

Do you have ...
I do have some ...
They're too ...

Student A: You are a construction worker. Talk to Student B about:

- what type of fastener you need
- why another fastener won't work
- what you should do

Student B: You are a construction worker. Talk to Student A about what type of fastener they need.

Writing

- 9 Use the website and the conversation from Task 8 to fill out the supply sheet.



Jackson Construction
Supply Sheet

List each item you take, the number, and what job they are needed for.

Items needed: _____

Amount taken: _____

Needed for: _____