

# DOVETAIL JOINTS

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

The 'Dovetail Joint Exercise' can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet.

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.  
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.  
NOT FOR COMMERCIAL USE.  
THIS WORK IS PROTECTED BY COPYRIGHT LAW.  
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN [www.technologystudent.com](http://www.technologystudent.com)

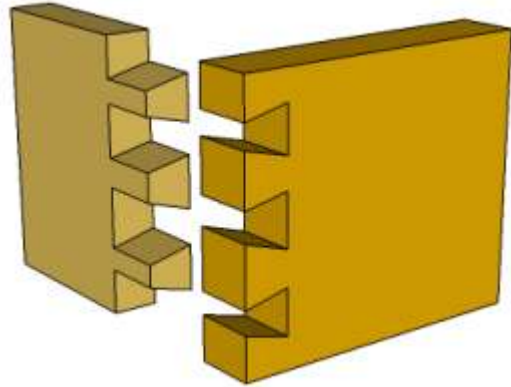
# DOVETAIL JOINTS

Dovetail joints are extremely strong if the tails and pins fit accurately. Why is this the case?

---

---

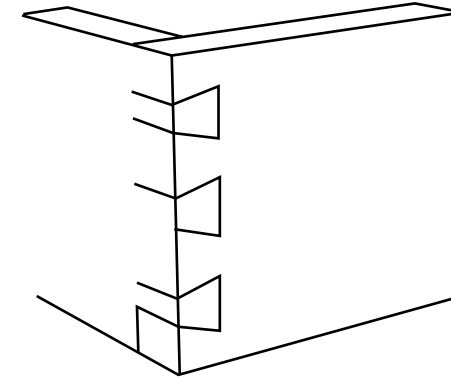
## DISASSEMBLED DOVETAIL JOINT



Complete the drawing of the assembled dovetail joint.

Label the 'Tails' and 'Pins' on the diagram to the left.

## ASSEMBLED DOVETAIL JOINT



In the space draw a lapped dovetail joint

1. When would this type of joint be used?

---

---

---

---

2. Name two adhesives (glues) that could be used to permanently fix the joint.

**GLUE 1:** \_\_\_\_\_

**GLUE 2:** \_\_\_\_\_