

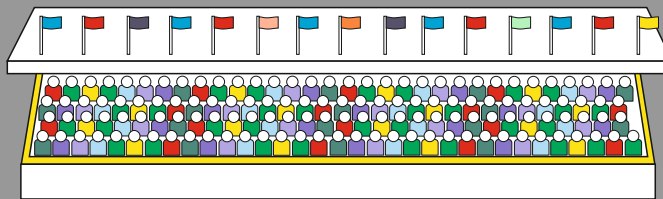
WHERE POSSIBLE, ANSWER ALL QUESTIONS, WITH NOTES AND SKETCHES. CLICK ON THE F1 RACING CARS FOR HELPFUL LINKS.

# JOINTS AND KNOCK DOWN FITTINGS - KNOWLEDGE MAP

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

<https://www.facebook.com/groups/254963448192823/>

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3. WHEN IS A DOVETAIL HALVING JOINT REQUIRED?  
Include a sketch of this joint.



1. SKETCH AND DESCRIBE A TYPICAL CROSS HALVING JOINT

2. SKETCH A HALF LAP and A TEE HALVING JOINT.  
When do you think, they could be useful?

7. WHAT IS A DOWELLED MORTISE AND TENON JOINT?  
PASTE / SKETCH AN IMAGE.

6. SKETCH / PASTE AN IMAGE OF A WEDGED MORTISE AND TENON JOINT.  
What is its advantage over a plain mortise and tenon joint?

4. WHAT IS A PLAIN BRIDLE JOINT?  
Include a sketch.

16. WHAT IS A TABLE PLATE AND HOW IS IT USED?  
Include a sketch / paste an image.

8. WHAT ARE DOVETAIL JOINTS? WHEN ARE THEY USED?  
Include a sketch.

5. SKETCH A PLAIN MORTISE AND TENON.  
What glues are typically used with this joint?

15. PASTE AN IMAGE OF A 'CAM LOCK'. Describe how it works.

9. SKETCH A FINGER JOINT AND EXPLAIN WHEN THEY ARE USED.

10. WHAT IS A SHOULDER / REBATE / LAPPED JOINT?  
Include an image.

14. PASTE AN IMAGE OF A SCAN FITTING.

13. WHEN WOULD A PLASTIC MOULDED 'RIGID JOINT' BE USED? include a quick sketch.

12. SKETCH A PLASTIC CORNER BLOCK (FIXIT BLOCKS).

11. WHAT IS THE PURPOSE OF KNOCK-DOWN (K/D) JOINTS? LIST SOME ADVANTAGES OF K/D JOINTS?

