

WELDING PLATES AT RIGHT ANGLES

V.Ryan © 2000 - 2011

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

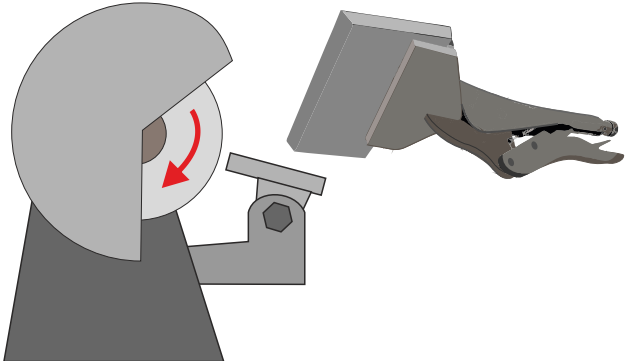
This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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

WELDING PLATES AT RIGHT ANGLES

V.Ryan © 2011 World Association of Technology Teachers

The table below should show the stages involved in welding steel plates, arranged at an angle of 90 degrees. Complete the table by adding the missing text / descriptions and sketches.

STAGE DESCRIPTION	SKETCH
<p>1.</p> <p><i>When steel plates are welded together, at an angle of 90 degrees, the edges that meet are ground at 45 degrees. This gives a much stronger joint.</i></p>	<p>GRINDER</p> <p>PLATE HELD IN WELDING PLIERS</p> 
<p>2.</p> <p><i>After grinding, the joint is positioned and 'tacked' to ensure there is no movement during the welding procedure.</i></p>	
<p>3.</p>	