



Item.	Q'ty	Descriptions
K	1	106X86X2.0, AISI 304 STAINLESS STEEL SHEET WITH Ø 8.0 DRILLED HOLE AS PER SKETCH
J	1	Ø 8.0X50X1.0, AISI 304 STAINLESS STEEL TUBE FOR PURGING
I	1	Ø 44.6X2.0, AISI 304 STAINLESS STEEL SHEET
H	1	Ø 48.6X20X2.0, AISI 304 STAINLESS STEEL PIPE
G	2	106X35X2.0, AISI 304 STAINLESS STEEL SHEET
F	2	100X53X2.0, AISI 304 STAINLESS STEEL SHEET
E	2	100X83X2.0, AISI 304 STAINLESS STEEL SHEET, CUT AS PER SKETCH
D	2	100X83X2.0, AISI 304 STAINLESS STEEL SHEET, TRAPEZOID CUT AS PER SKETCH
C	2	126X83X2.0, AISI 304 STAINLESS STEEL SHEET
B	1	188X128X2.0, AISI 304 STAINLESS STEEL SHEET WITH Ø 44.6 CUT HOLE AS PER SKETCH
A	1	150X150X2.0, AISI 304 STAINLESS STEEL SHEET

**INSTRUCTIONS TO COMPETITORS**

1. WELDING PROCESS : ISO 4063-141 (AWS A3.0 GTAW)
2. WELDING POSITIONS: ALL EXCEPT VERTICAL DOWN. .
3. NO GAPS ARE ALLOWED ON BUTT & CORNER WELD JOINTS AND SHALL HAVE FULL PENETRATIONS.
4. ALL THE WELDING TO BE CARRIED OUT WITH BASE PLATE "A" IN THE FLAT POSITION.
5. ALL LEG SIZES OF FILLET WELDS: 3.0 mm WITH TOLERANCE (+1.0 mm/-0.0 mm).
6. OUTSIDE CORNER WELD RADII TO BE JUDGEMENT ASSESSED WITH GRADE (0,1,2,3).
7. ALL WELDS SHALL BE COMPLETED IN ONLY ONE PASS WITH FILLER ROD ADDED.
8. PURGING PLATES AND TUBE TO BE REMOVED AFTER WELDING.

NOTE: ALL DIMENSTIONS IN MILLIMETRE



Competition 2022  
Special Edition

Test Project for the WorldSkills  
Competition Special Edition 2022  
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Skill: 10. Welding, Schweißen, Soudage

Designed by: Takeshi Tokimatsu JP

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Description:	Stainless Steel-Assembly and Symbols Drawing	Projection:	
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Drawn by: Chih-Peng Chen TW