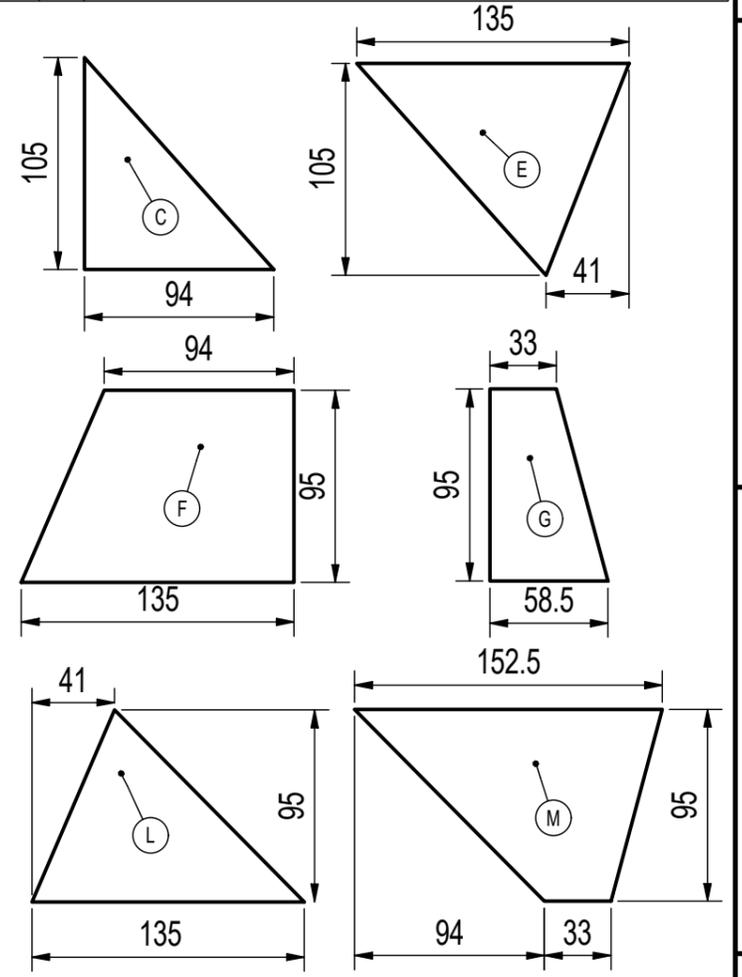


Item.	Qty	Descriptions
A	1	180X117X3.0, AA 5052 ALUMINIUM SHEET
B	1	134X105X3.0, AA 5052 ALUMINIUM SHEET
C	2	105X94X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
D	1	134X30X3.0, AA 5052 ALUMINIUM SHEET
E	2	135X105X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
F	1	135X95X94X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH
G	1	58.5X95X33X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH
H	1	180X120X3.0, AA 5052 ALUMINIUM SHEET
I	1	OD 62X25X3.0, AA 5052 ALUMINIUM PIPE
J	2	152.5X67X3.0, AA 5052 ALUMINIUM SHEET
K	2	112.7X67X3.0, AA 5052 ALUMINIUM SHEET
L	1	135X95X3.0, AA 5052 ALUMINIUM SHEET, TRIANGLE, AS PER SKETCH
M	1	152.5X95X33X3.0, AA 5052 ALUMINIUM SHEET, TRAPEZOID, AS PER SKETCH



**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 THE BUTT & CORNER WELD JOINTS.
4. ALL BUTT & CORNER WELDS SHALL HAVE FULL PENETRATIONS.
5. ALL THE WELDING TO BE CARRIED OUT WITH BASE PLATE "A" IN THE FLAT POSITION.
6. ALL LEG SIZES OF FILLET WELDS: 4.0 mm WITH TOLERANCE (+2.0 mm/-0.0 mm).
7. OUTSIDE CORNER WELD RADII TO BE JUDGEMENT ASSESSED WITH GRADE (0,1,2,3).
8. ALL WELDS SHALL BE COMPLETED IN ONLY ONE PASS WITH FILLER ROD ADDED.

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: Jingfeng Liu CN

Last Update: 20.08.2022 Scale: NTS Paper: A3 Page:

Drawing Number: WSC 2022SE\_TP10\_CN\_AL\_ASSEMBLY\_2\_ISO A Rev: 04

Description: Aluminum-Assembly and Symbols Drawing



Drawn by: Chih-Peng Chen TW