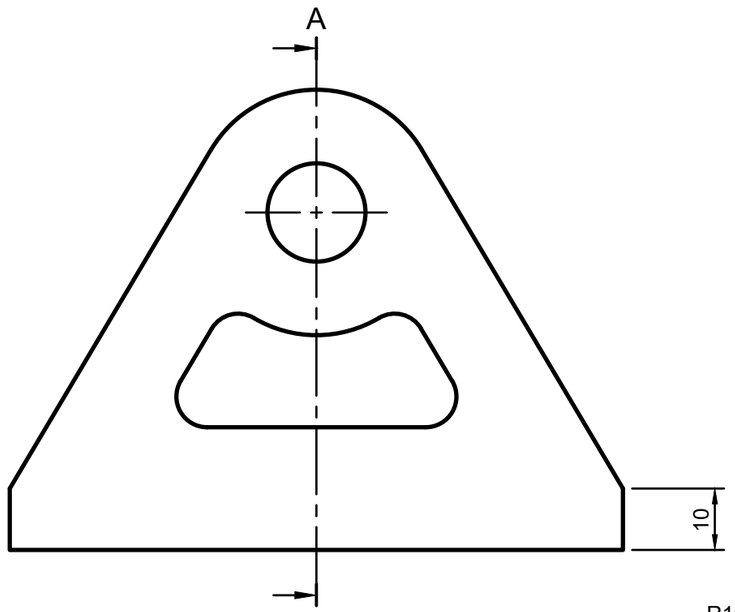
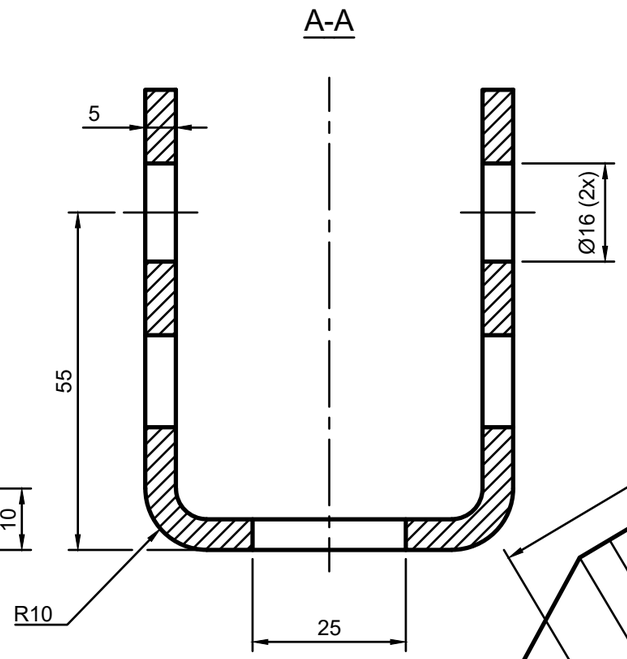
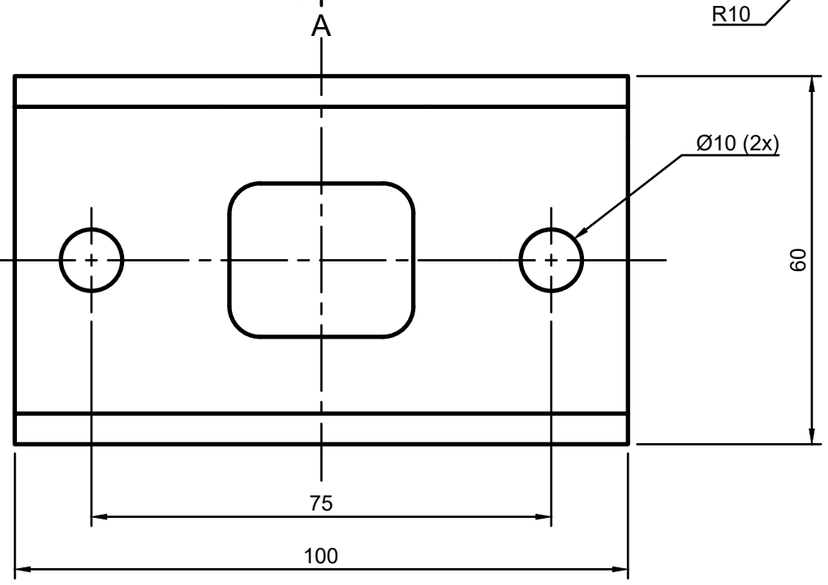
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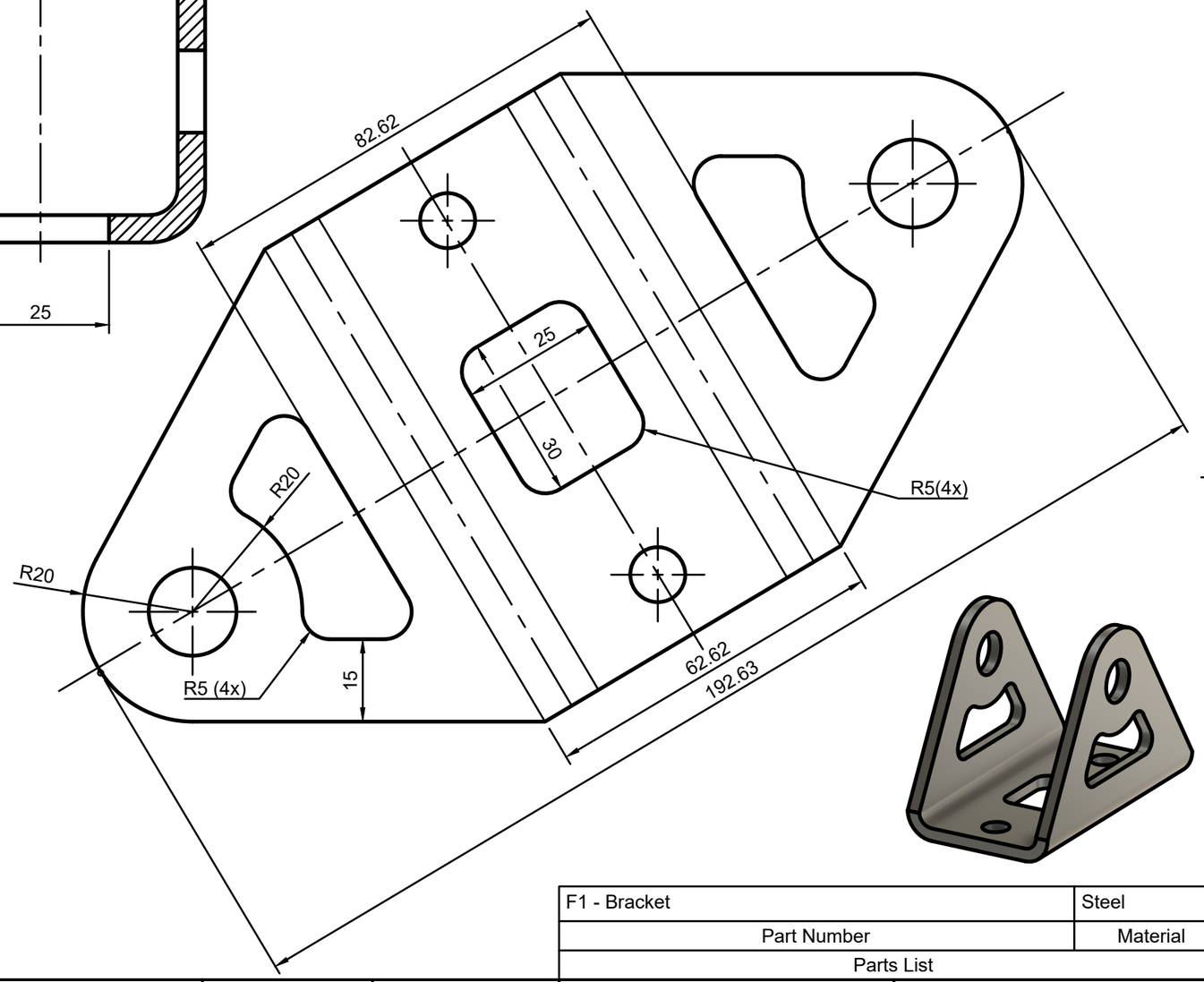
Revision history			
Rev.	Description	Created by	Rev. date







Circular holes drilled after bending.
All other cut outs after bending.



SHEET METAL RULES

- In this design
  - **Steel (mm)**
    - Thickness: 5.00 mm
    - K Factor: 0.44
    - Miter/rip/seam gap: 5.00 mm
    - Bend Conditions
      - Bend radius: 5.00 mm
      - Relief shape: Straight
      - Relief width: 5.00 mm
      - Relief depth: 2.50 mm
      - Relief remnant: 10.00 mm
    - Corner Conditions
      - 2 Bend Intersection
        - Relief shape: Trim to Bend
        - Relief size: 20.00 mm
        - Relief placement: Intersection
      - 3 Bend Intersection
        - Relief shape: Round with Radius
        - Relief radius: 5.00 mm
- Library

General Tolerances		
Weld constr. ISO 5817 Class C	Castings ISO 8062 CT12	Threads ISO 965 6H/6g
Linear and angular dimensions		
Machined with cutting tools (does not include sawing)	ISO 2768-1-m	
Machined with non cutting tools (includes sawing)	ISO 2768-1-v	
Broken edges and angular dimensions	ISO 2768-1-c	

School subject: CAD1/CAD2	Scale: 1:1
PERSTORP TEKNISKA GYMNASIUM	
First angle projection	

F1 - Bracket	Steel
Part Number	Material
Parts List	
Created by: Jorgen Nilsson	Approved by:
Document type: FUSION 360 Drawing	Approved date:
Title: F1 - Bracket Sheet metal exercise	DWG No.: PG-24217
Rev.: 0 / Date of issue: 2024-10-21 / Sheet: 1/1	