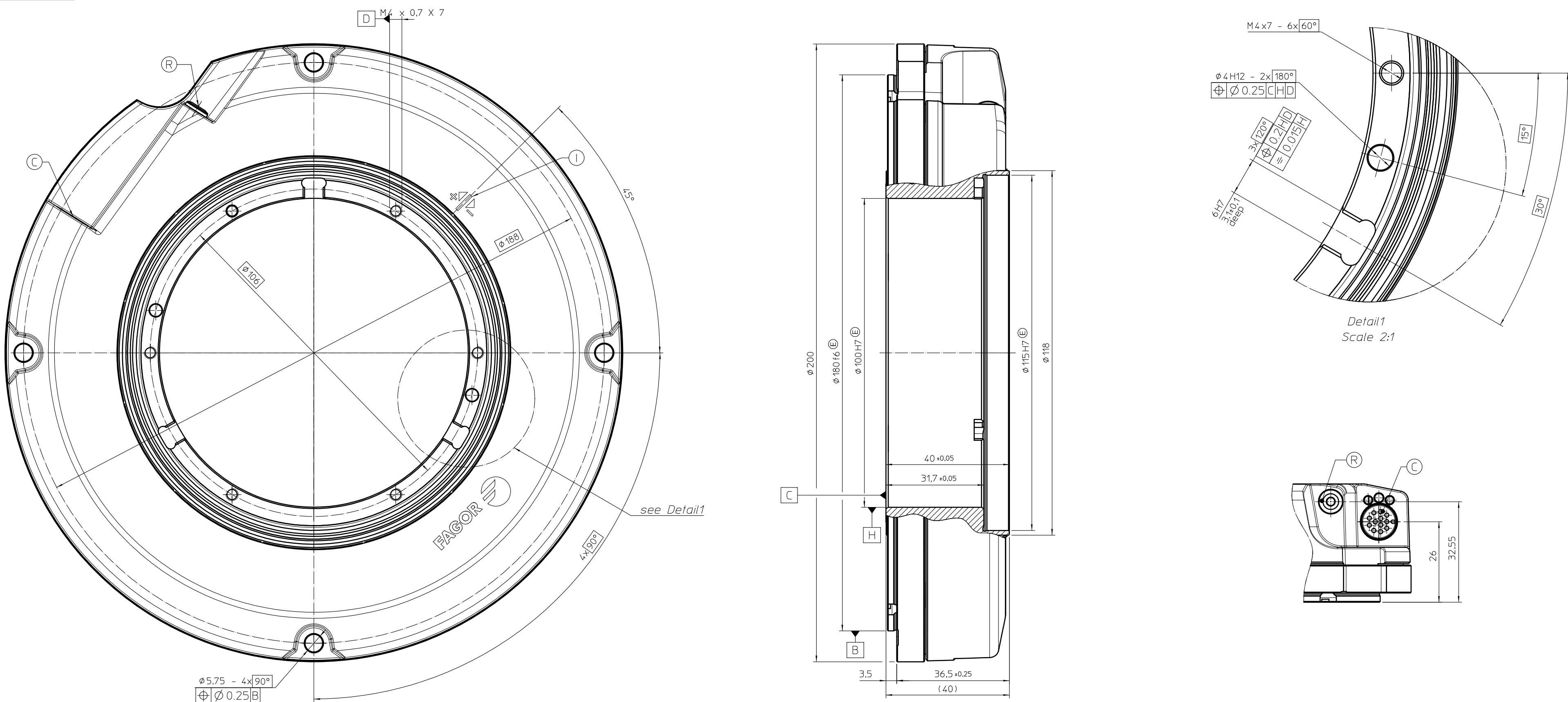
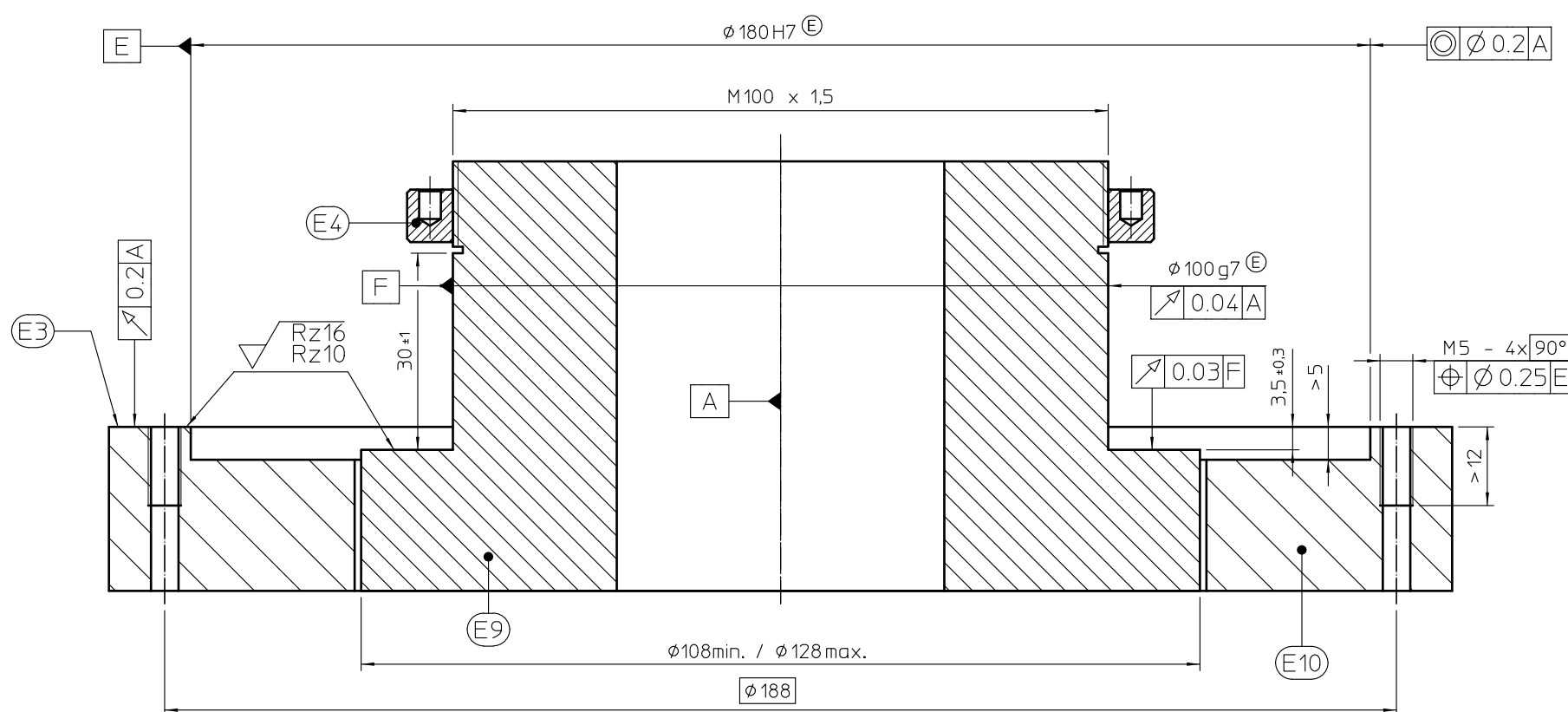


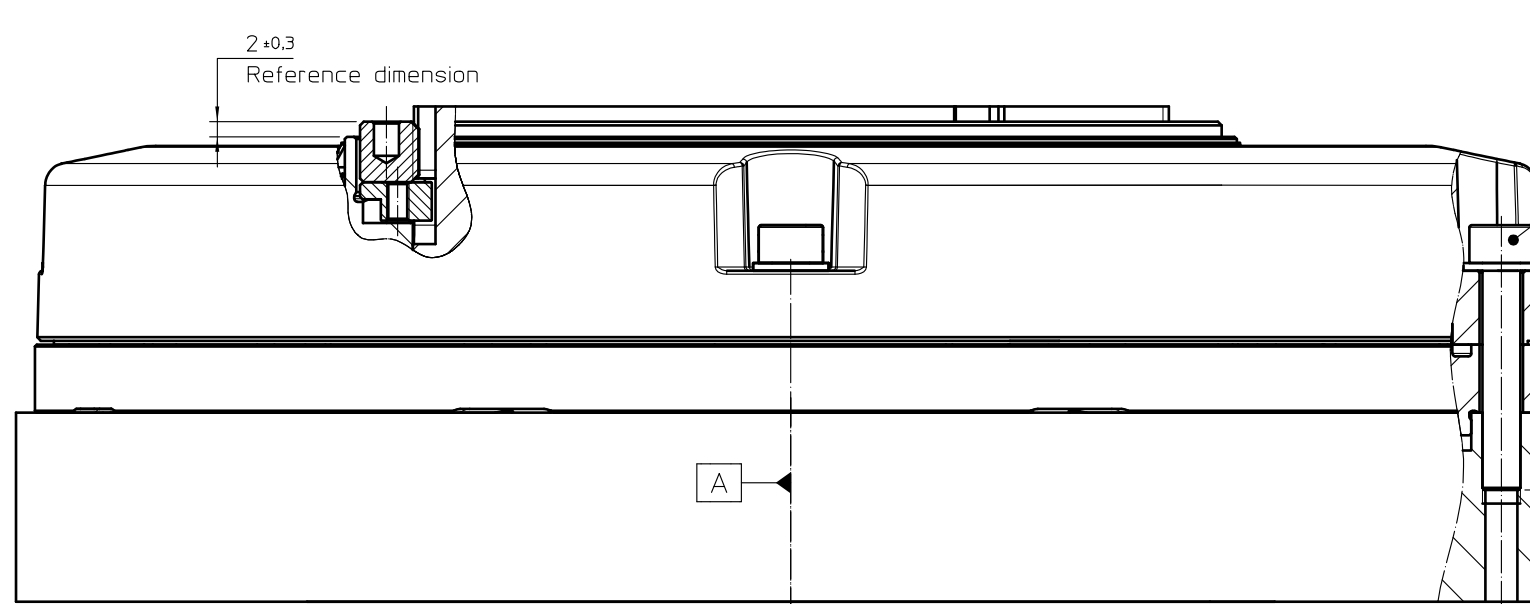
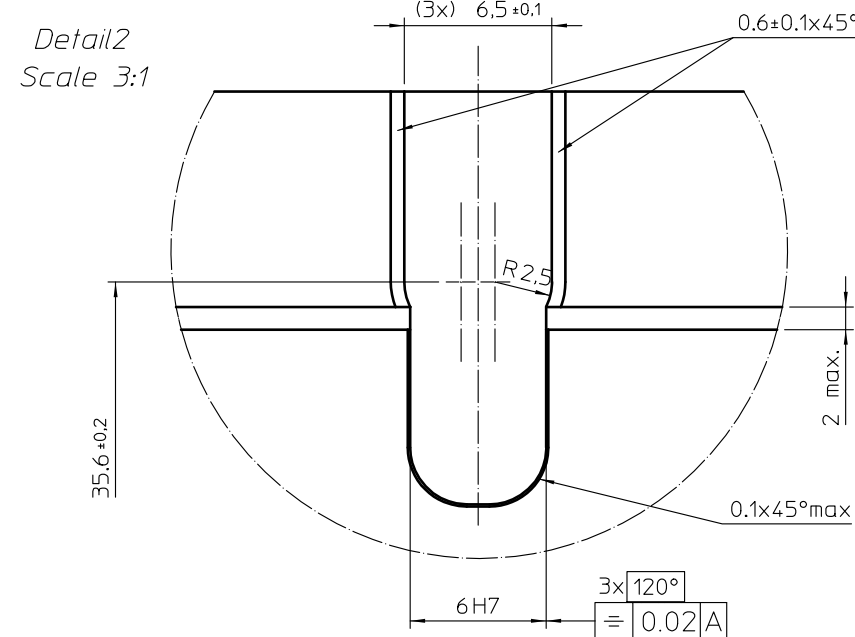
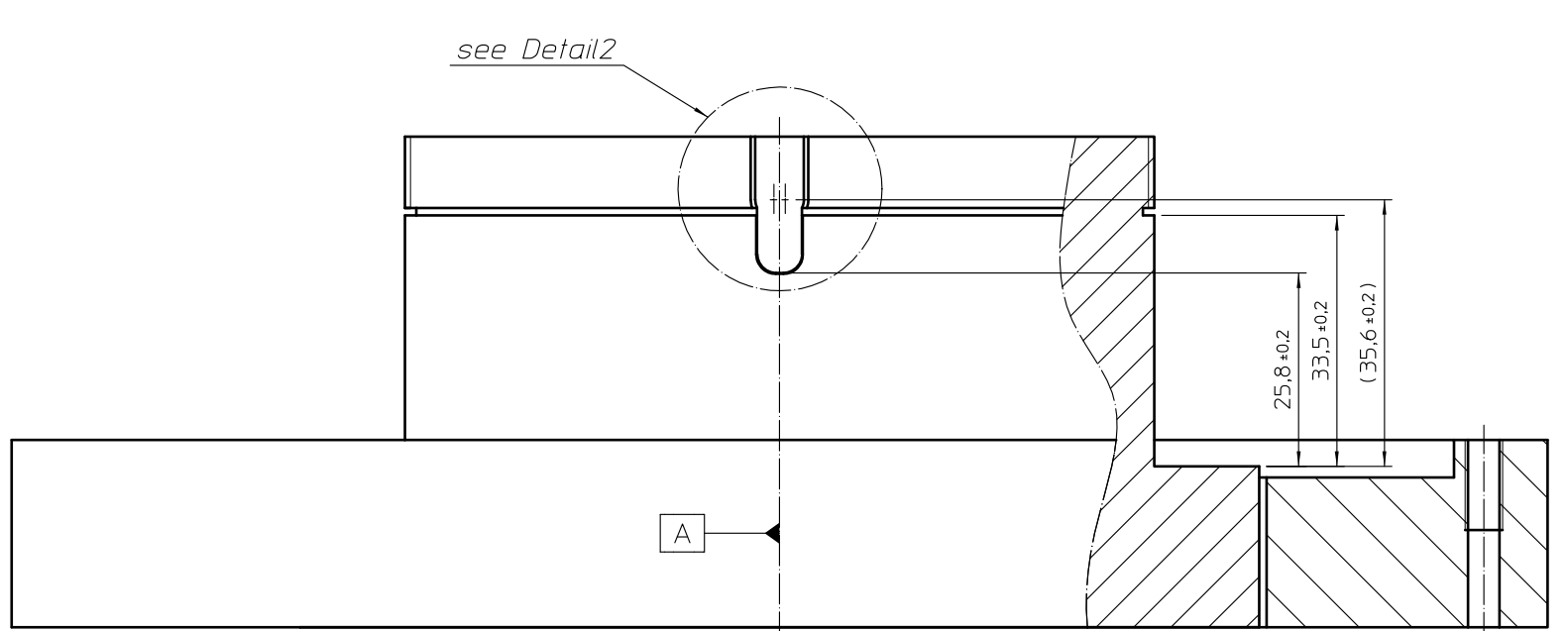
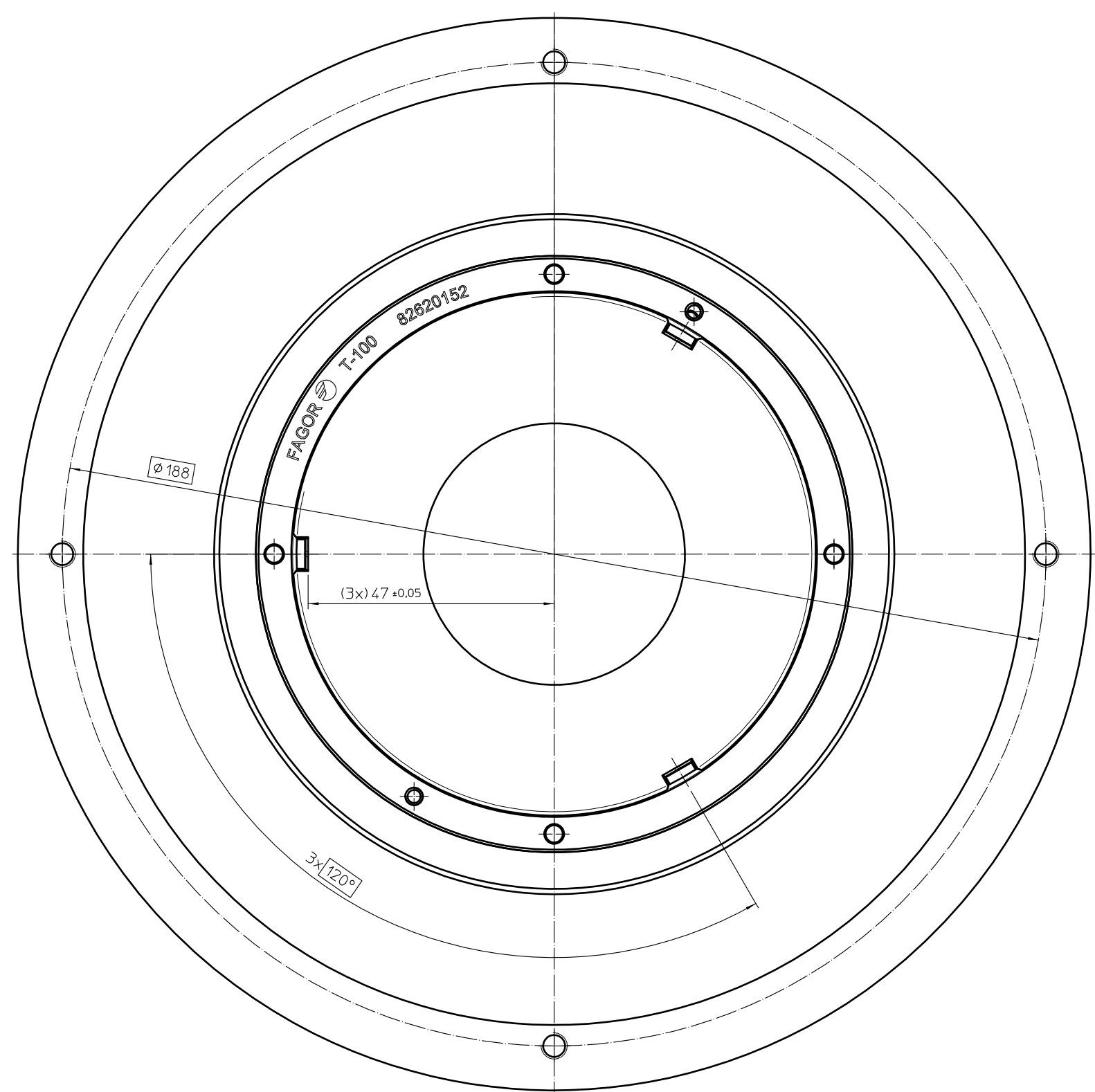
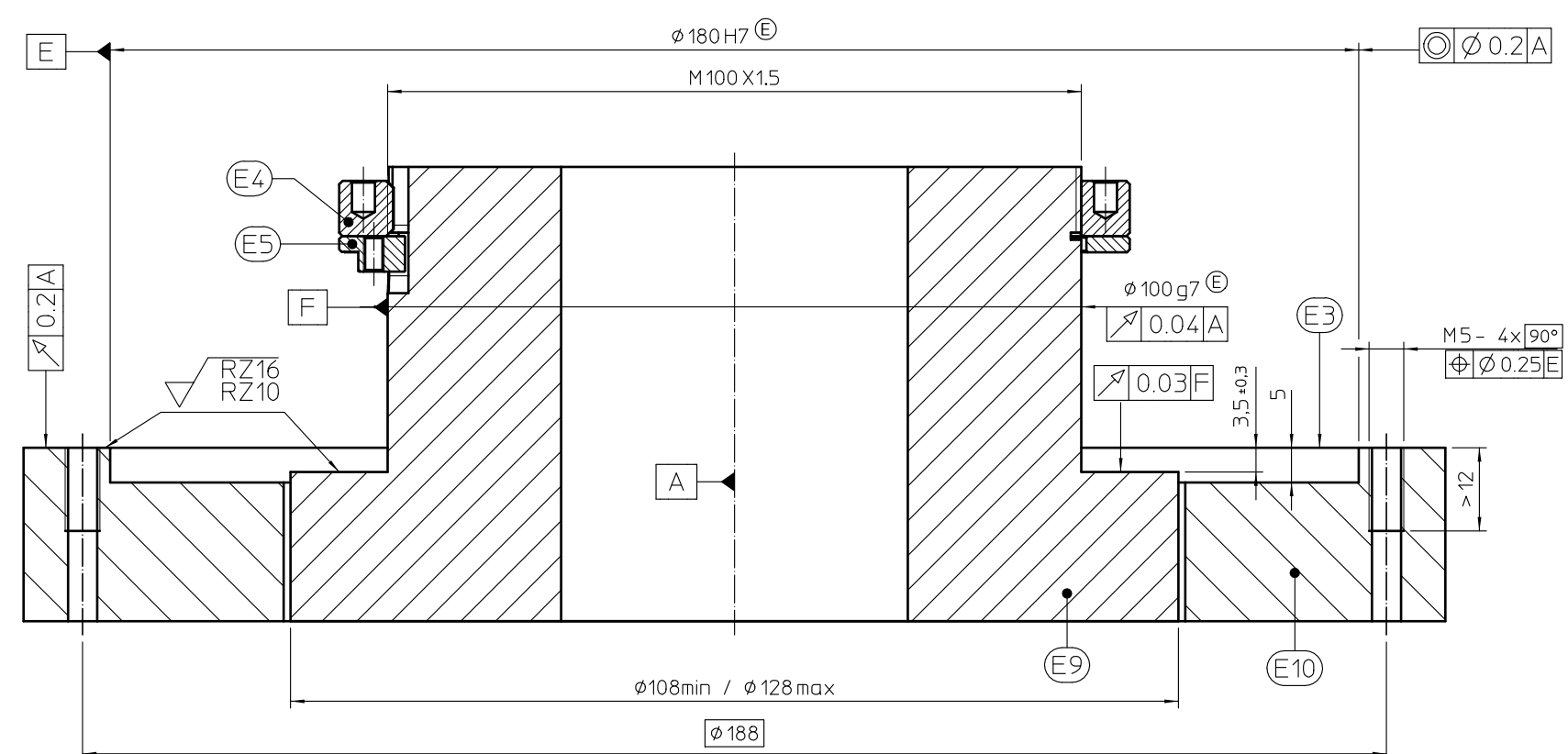
DIMENSIONS OF THE ENCODER



MOUNTING OPTION: SHAFT COUPLING (H) (N)  
WITHOUT MECHANICAL FAULT EXCLUSION

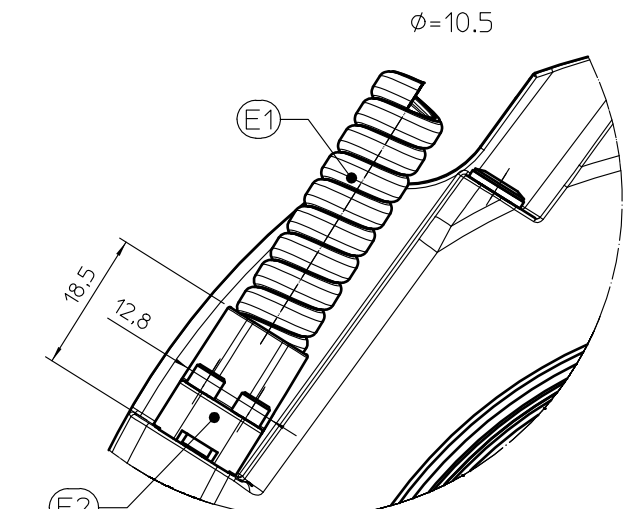
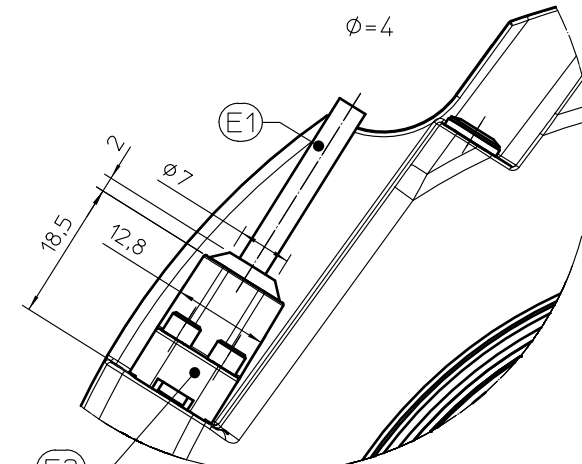
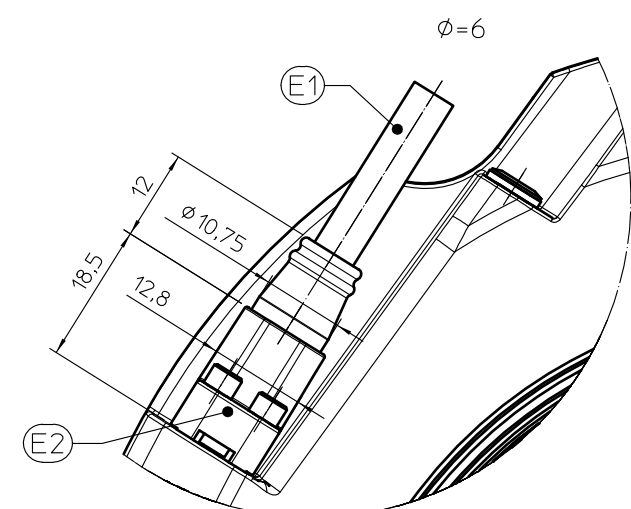


WITH MECHANICAL FAULT EXCLUSION

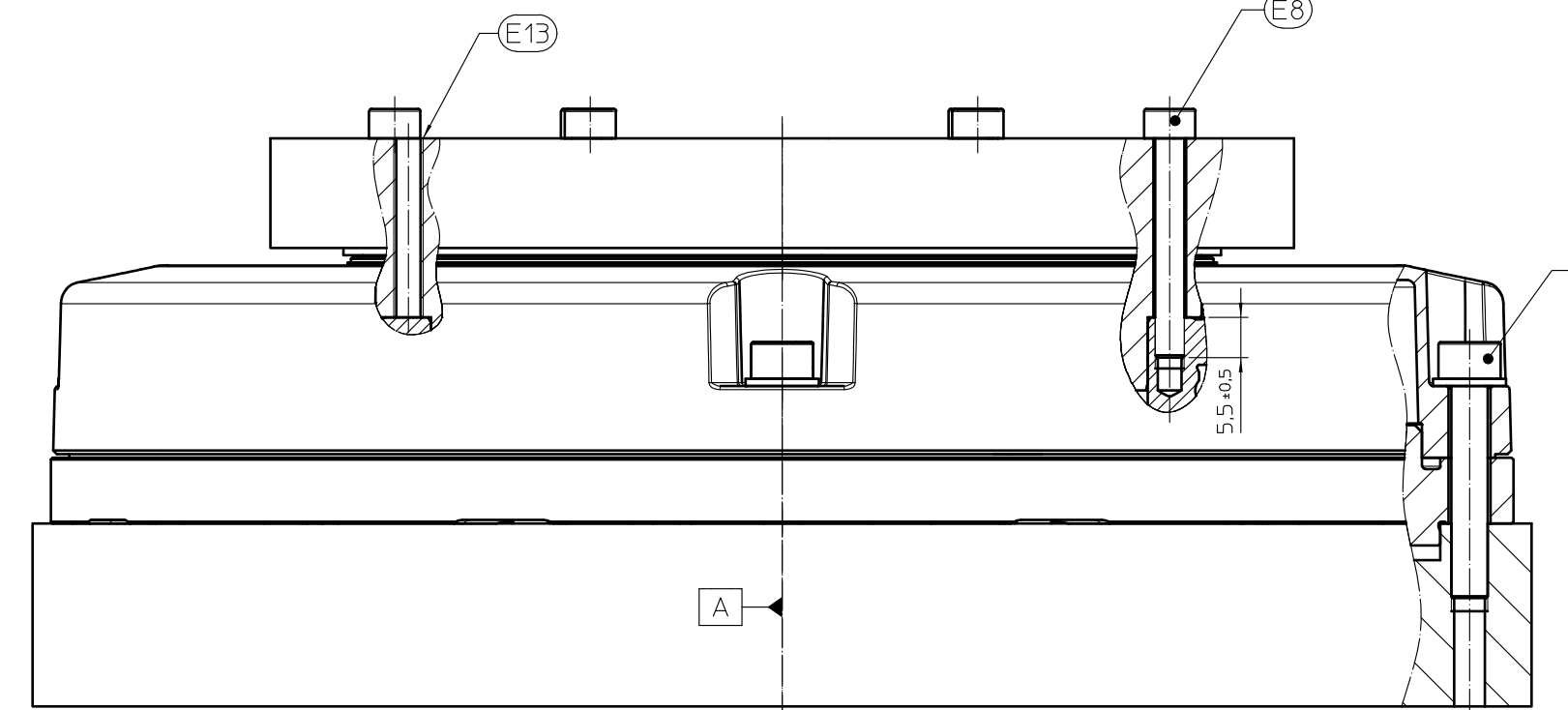
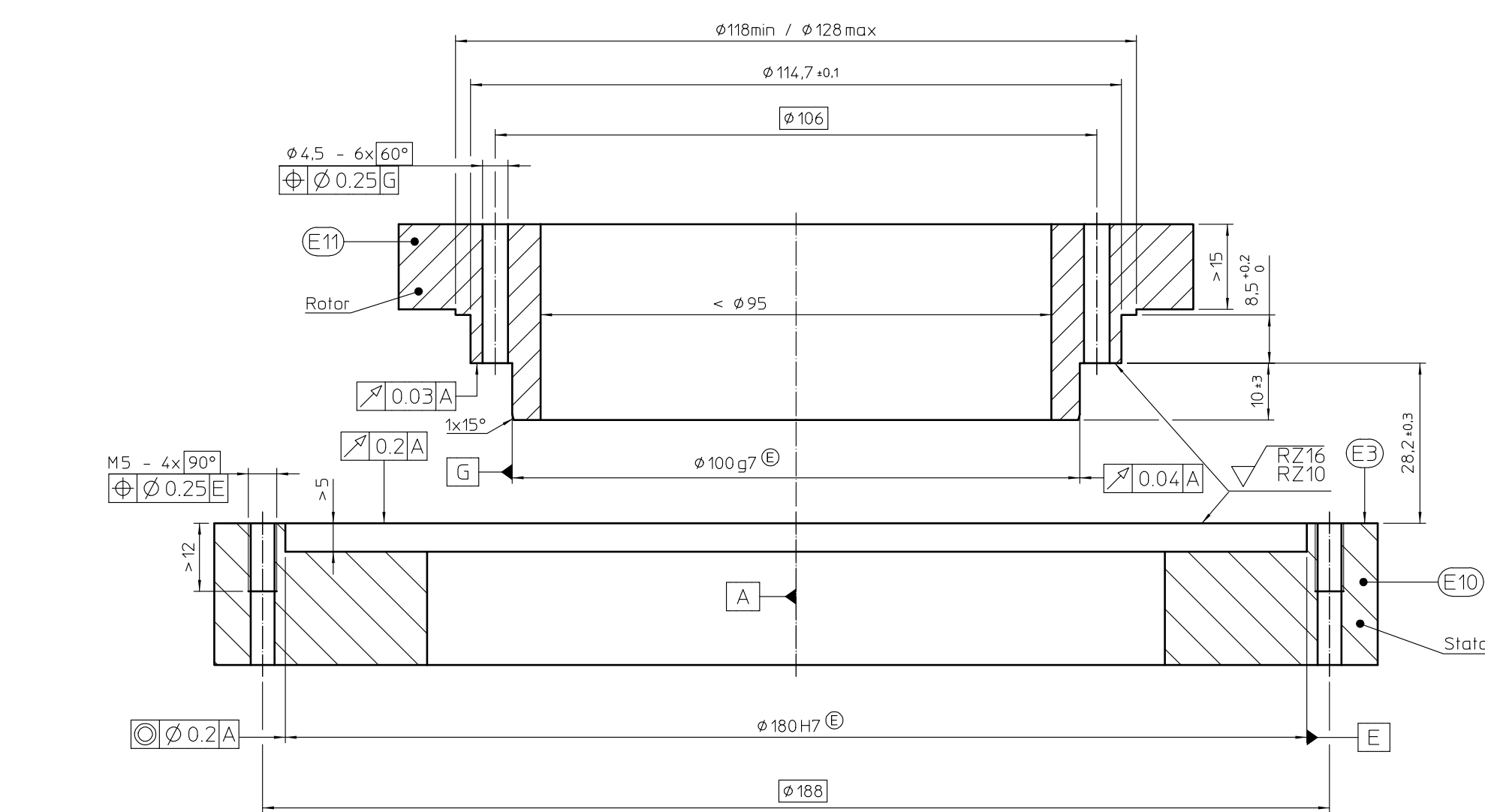


DIFFERENT TYPES OF CONNECTOR CABLES

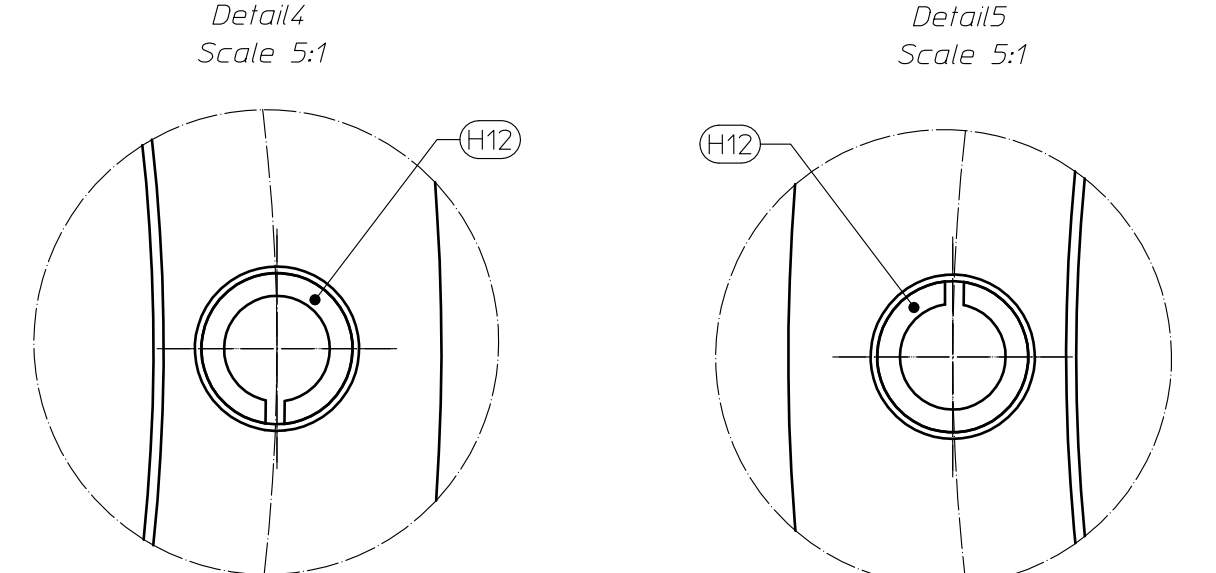
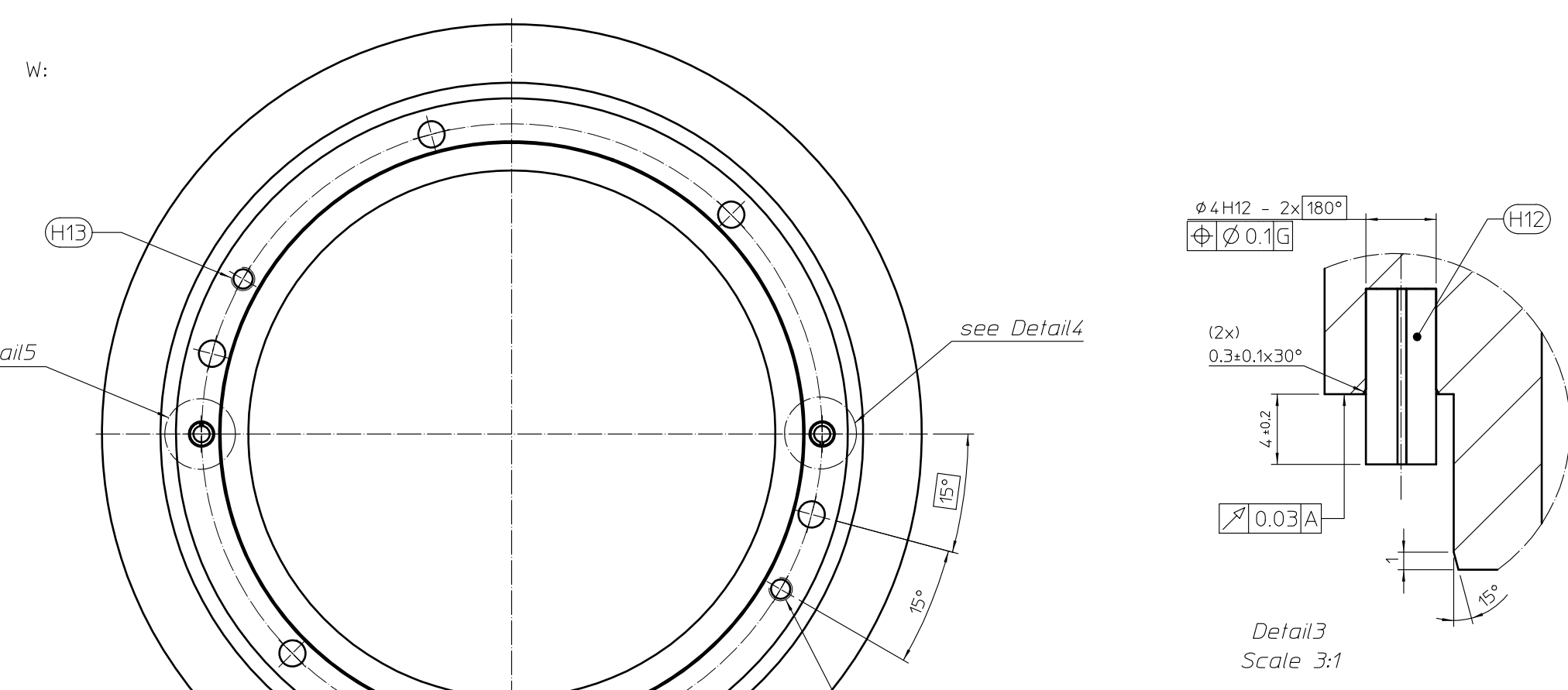
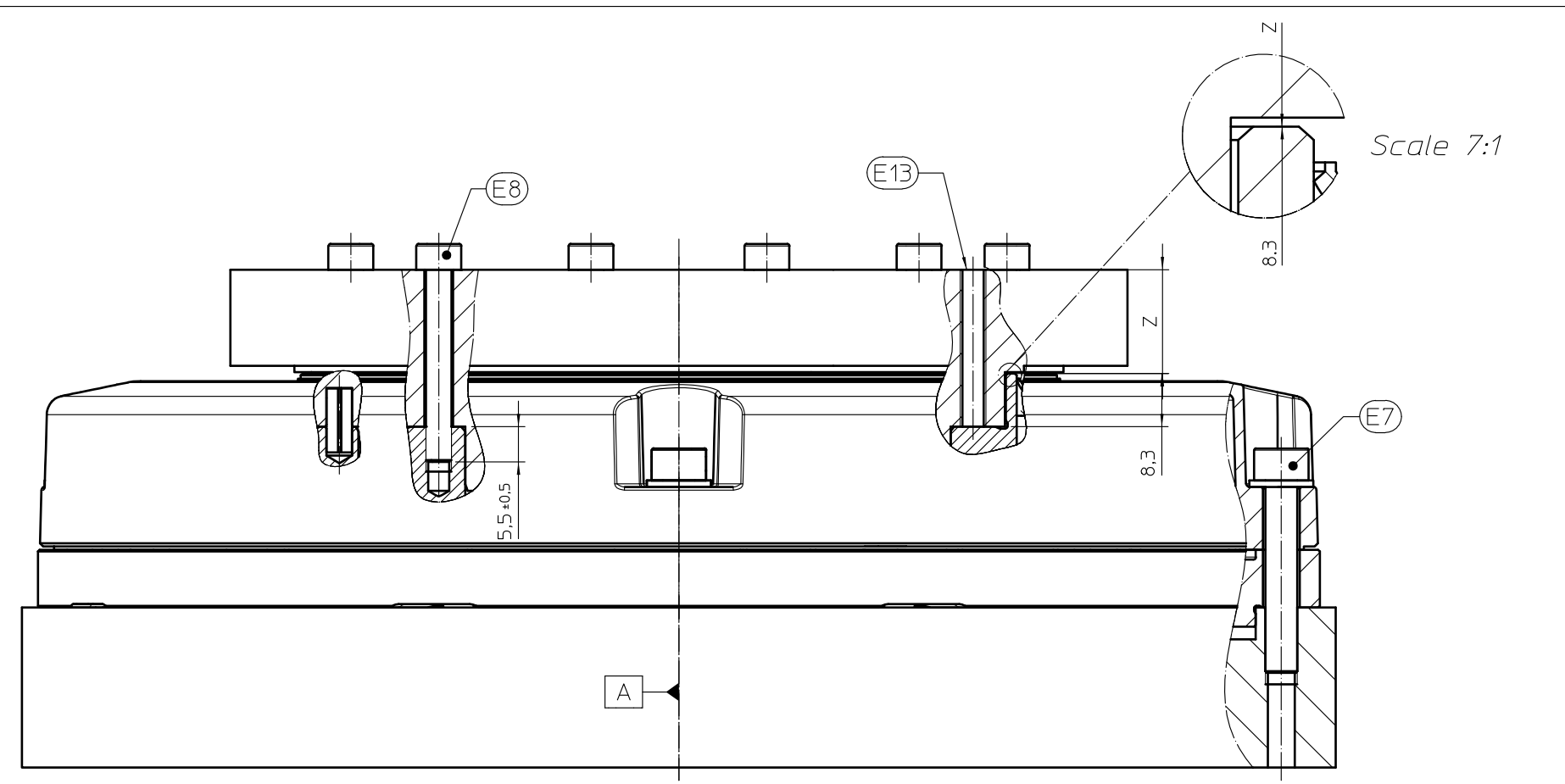
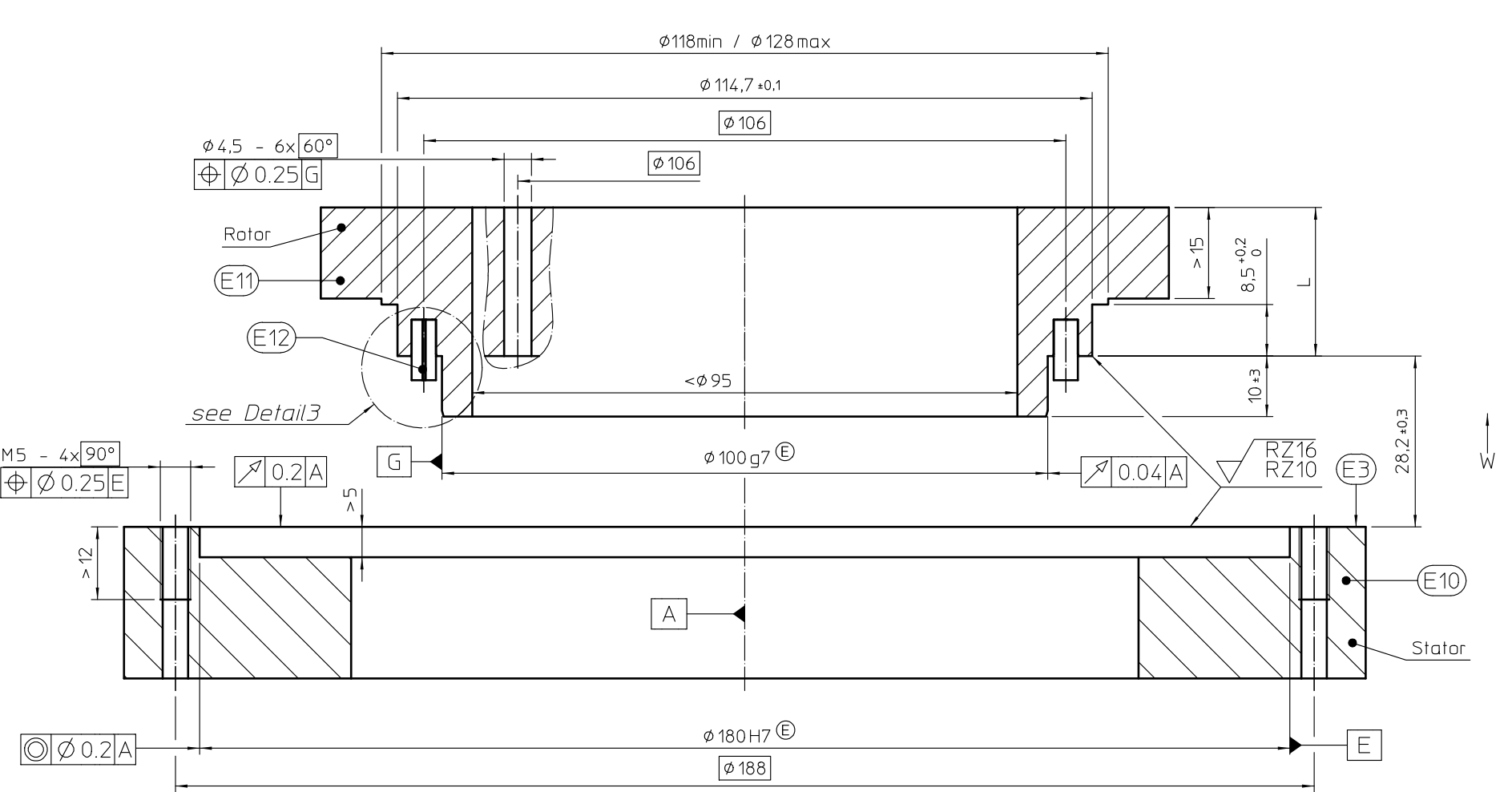
- Three different types of cable:
  - Cable  $\phi 6mm$
  - Cable  $\phi 8mm$
  - Cable  $\phi 10.5mm$  with protection
- Bend radius for flexible configuration for:
  - Cable  $\phi 6mm$ : R=40mm
  - Cable  $\phi 8mm$ : R=40mm
  - Cable  $\phi 10.5mm$ : R=40mm
- Bend radius for rigid configuration for:
  - Cable  $\phi 6mm$ : R=24mm
  - Cable  $\phi 8mm$ : R=36mm
  - Cable  $\phi 10.5mm$ : R=35mm
- Cable support,



ALTERNATIVE MOUNTING OPTION: FRONT END SHAFT COUPLING (H) (N)  
WITHOUT MECHANICAL FAULT EXCLUSION



WITH MECHANICAL FAULT EXCLUSION



BOTH SPRING-TYPE STRAIGHT PINS  
Mounting direction as shown of both spring-type straight pins rotated 180° mount slot in tangential direction, spring-type straight pin must be inserted butt-free, a potential chipping has to be removed.

ABBREVIATIONS

- [A] - Bearing og mating shaft.
- [B] - Assembly sizing set by customer.
- [C] - Compressed air intake.
- [D] - Connector.
- [E] - 0° position index  $\pm 5^\circ$ .
- [F] - Direction of shaft rotating for output signals is described in interface description.
- [G] - Mounting surface.
- [H] - D: 8262052 Tightening torque of rig nut: 80.5Nm Materialy bonding anti-rotation lock necessary fix mating shaft when mounted.
- [I] - D: 8262057 (Shaft coupling) Mechanical fault exclusion: washer using with rig nut (E4) necessary.
- [J] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [K] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [L] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [M] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [N] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [O] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [P] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [Q] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [R] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [S] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [T] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [U] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [V] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [W] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [X] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [Y] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.
- [Z] - Hexagon socket head cap screws M5: Pa=5x0.15Nm Screw DIN912-M5x30 Screw property class: 8.8 Whastner: DIN433-5-200HV Materialy bonding anti-rotation lock necessary.

| Rev.       | Summary     | Propo. | Appr.    | Date      | First      |
|------------|-------------|--------|----------|-----------|------------|
| N°         | Designation | Qty.   | Material | Treatment |            |
| Drawing N. | PT-2-036-0  | Date   | 06/2020  | Page      | Automation |
| References | Design by   | AINARA | S. Coop. | 20500     | Mandragón  |
|            | Check by    | ZUNZU  |          |           |            |

Scale: 1:1  
Dimensions in mm  
Tolerancing ISO 8015  
GS 2768 - m H  
± 6 nm ±0.2 mm