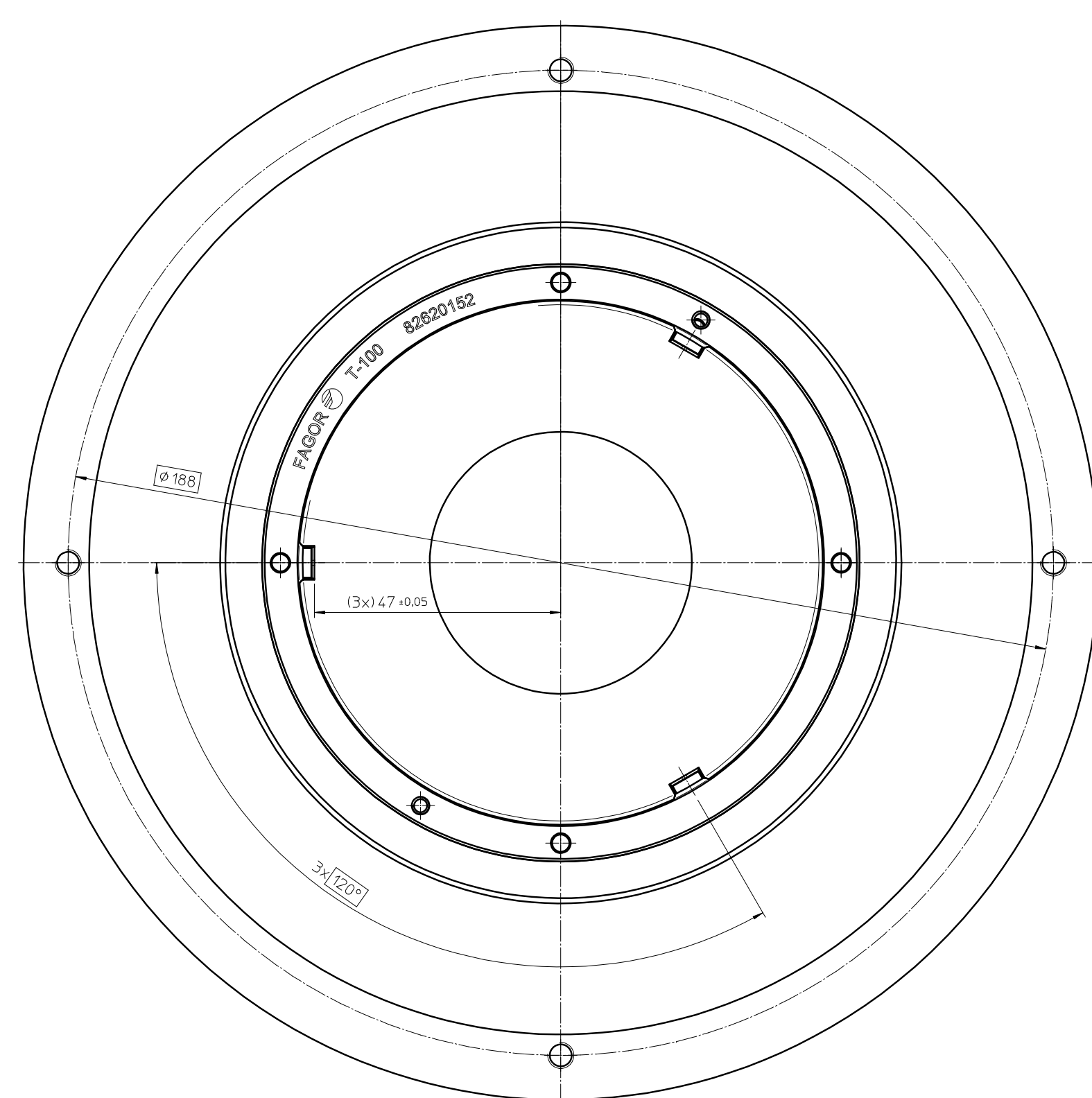
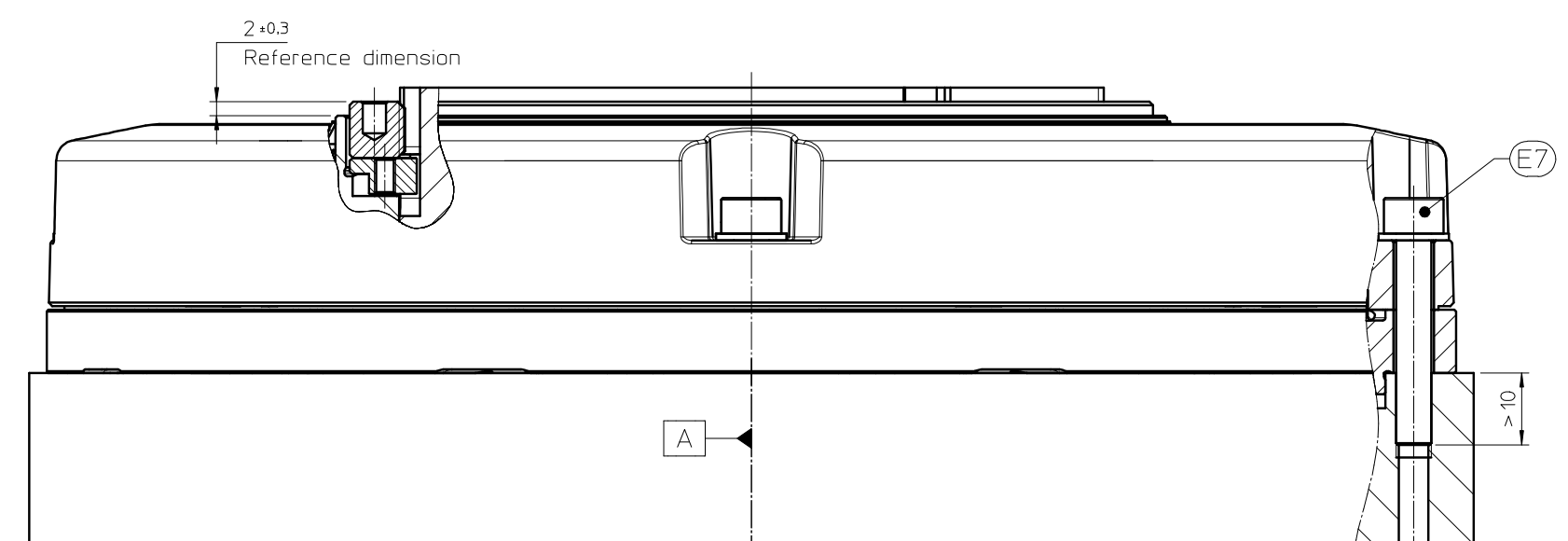
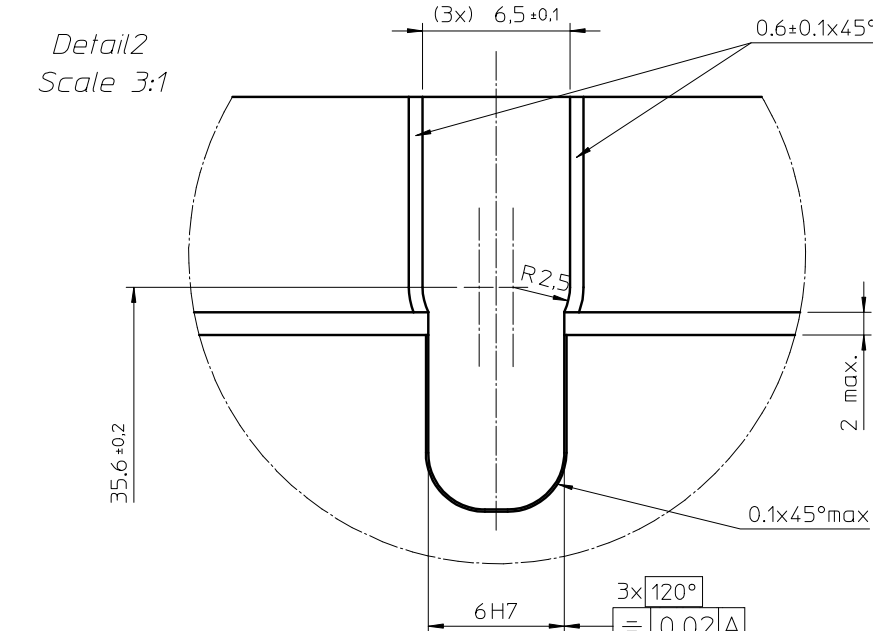
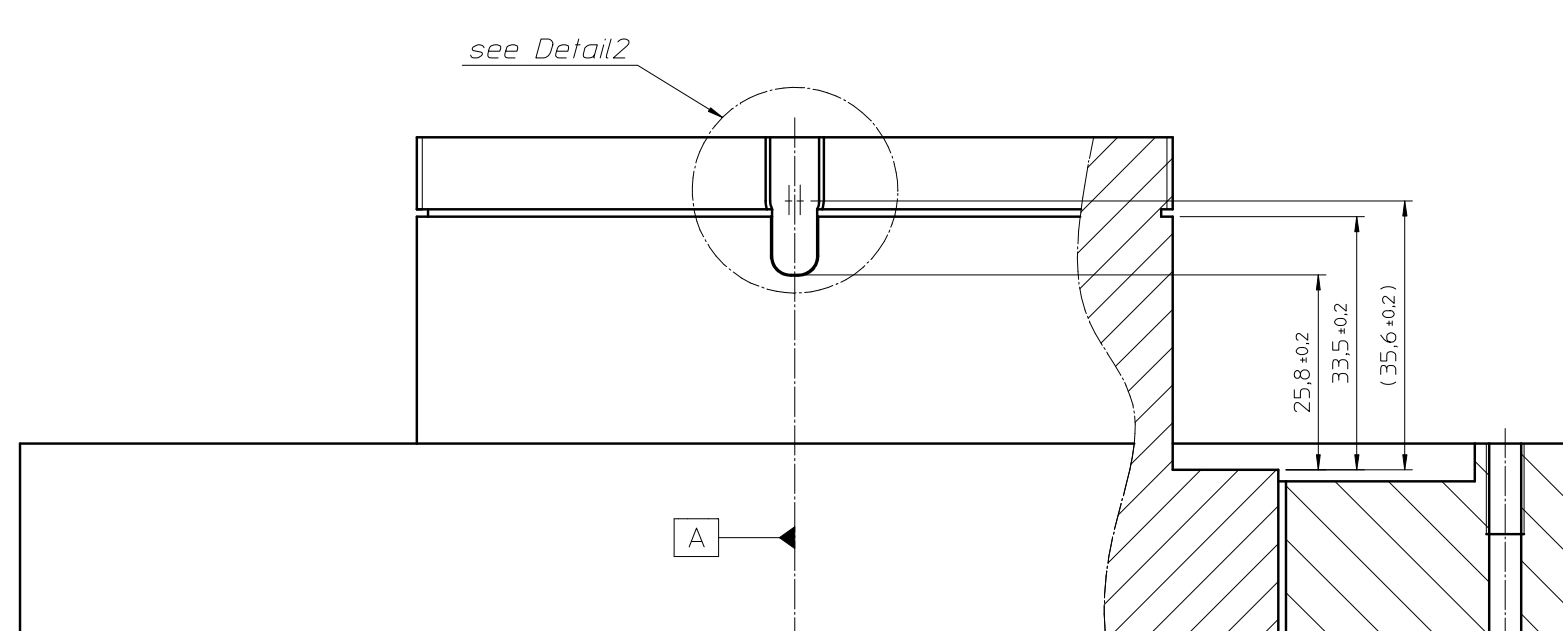
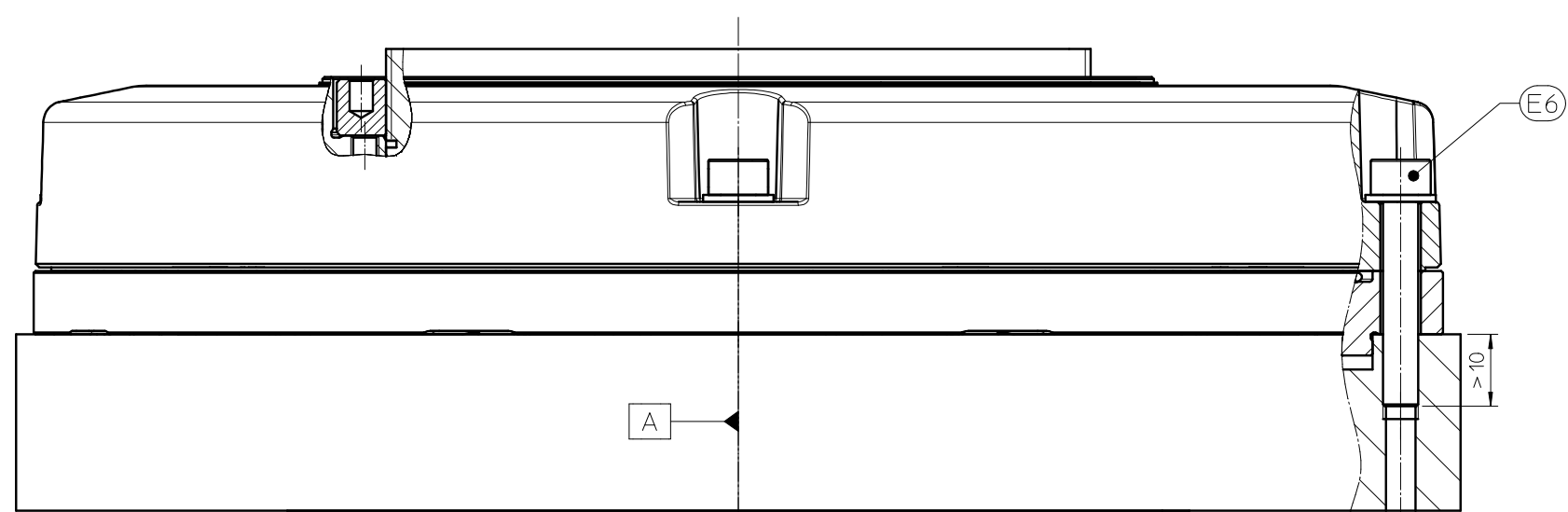
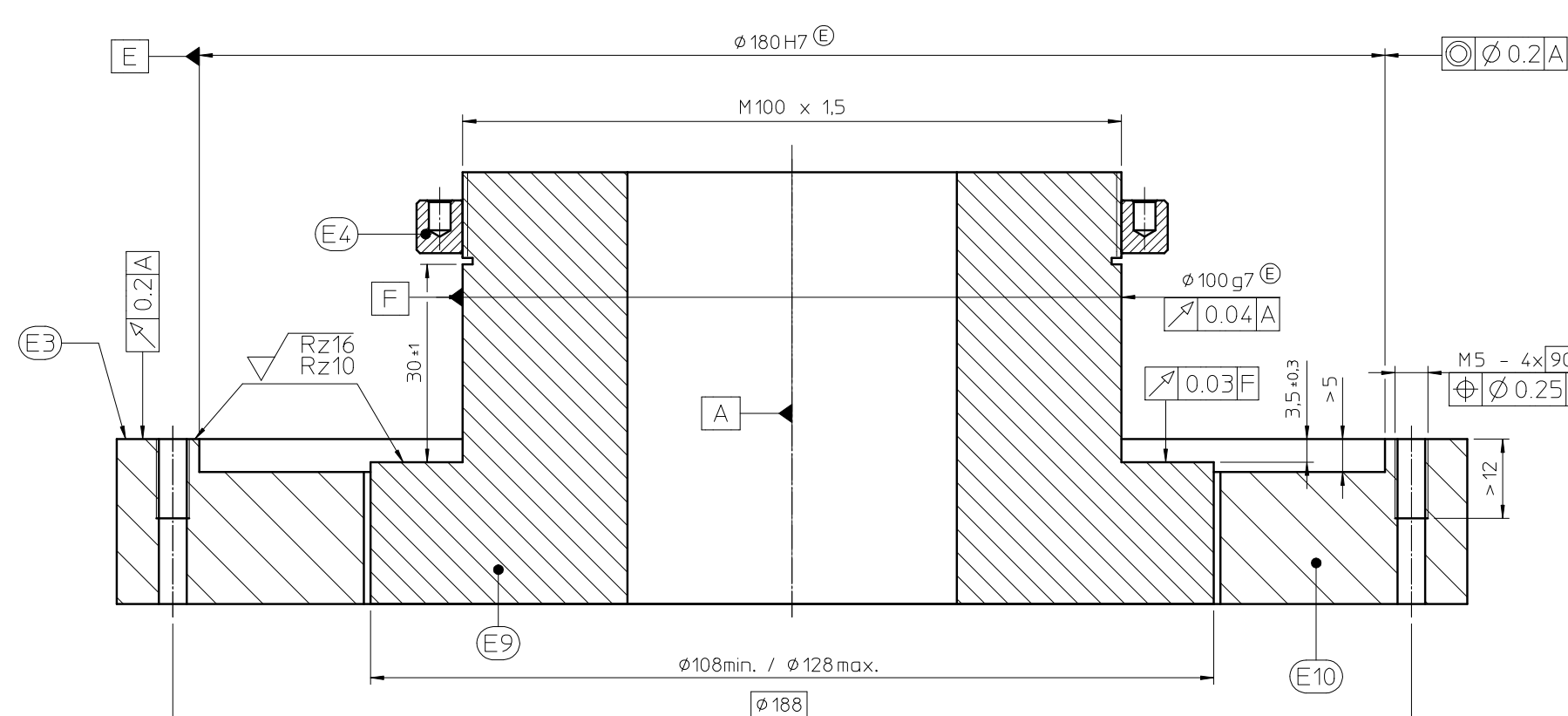


WITHOUT MECHANICAL FAULT EXCLUSION



(E1) = Three different types of cable:

- Cable Ø6mm
- Cable Ø4mm
- Cable Ø10,5mm (with protection)

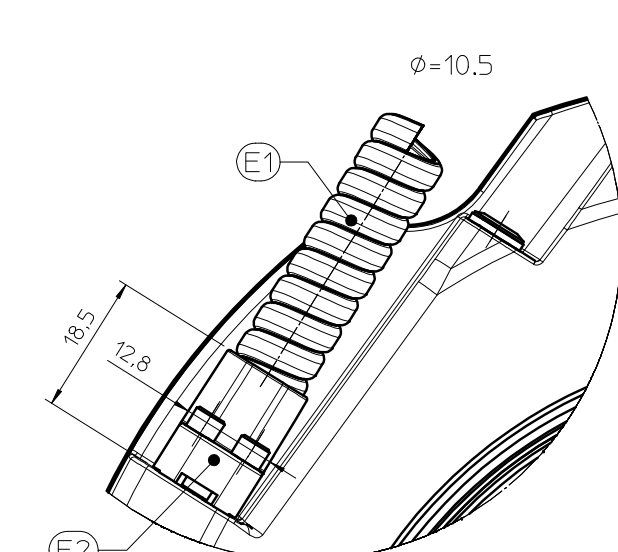
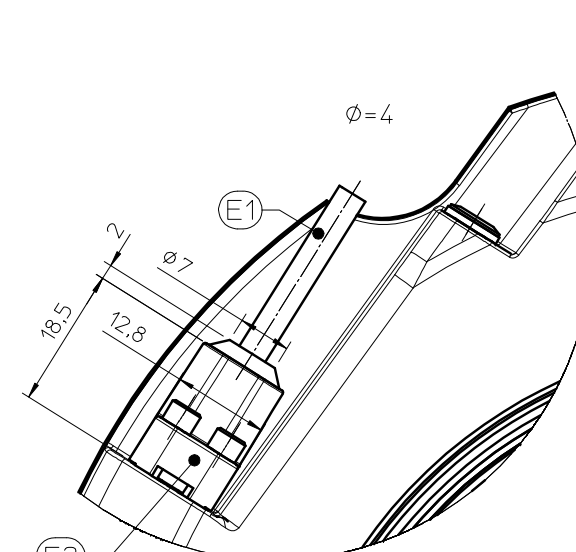
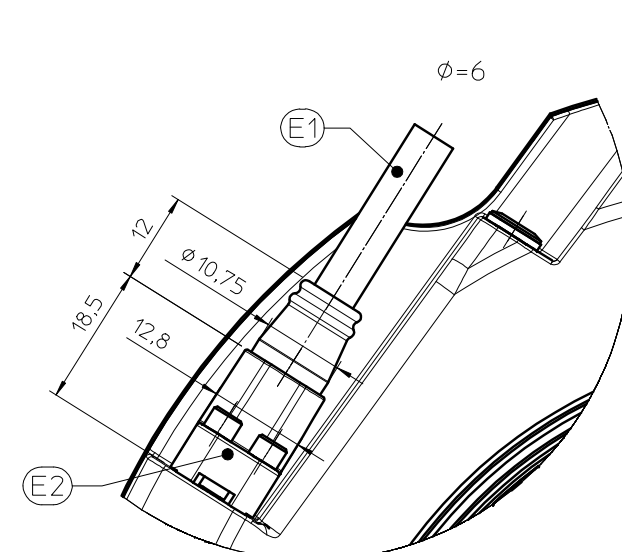
Bend radius for flexible configurat

- Cable Ø6mm: R>60mm
- Cable Ø4mm: R>40mm
- Cable Ø10,5mm: R>60mm

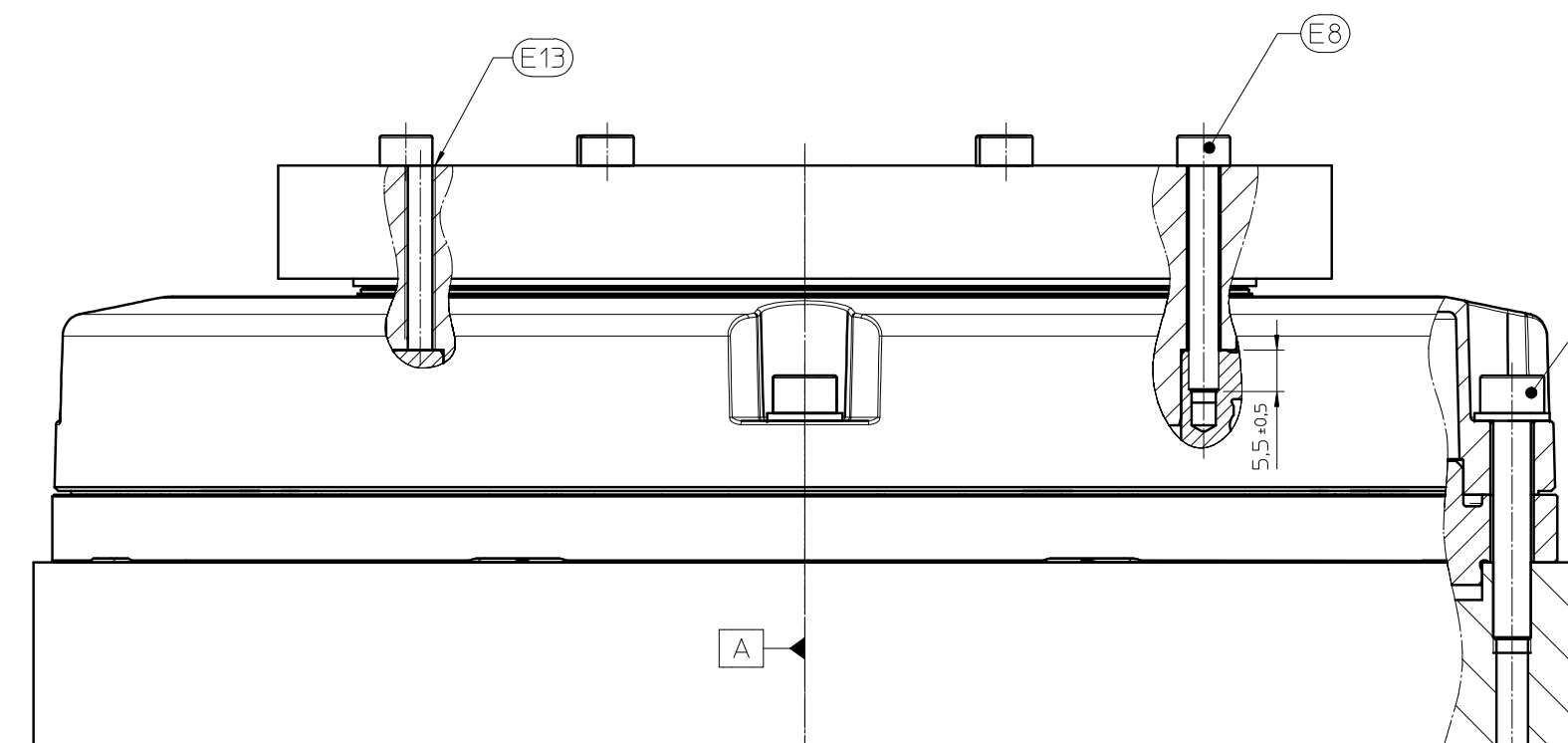
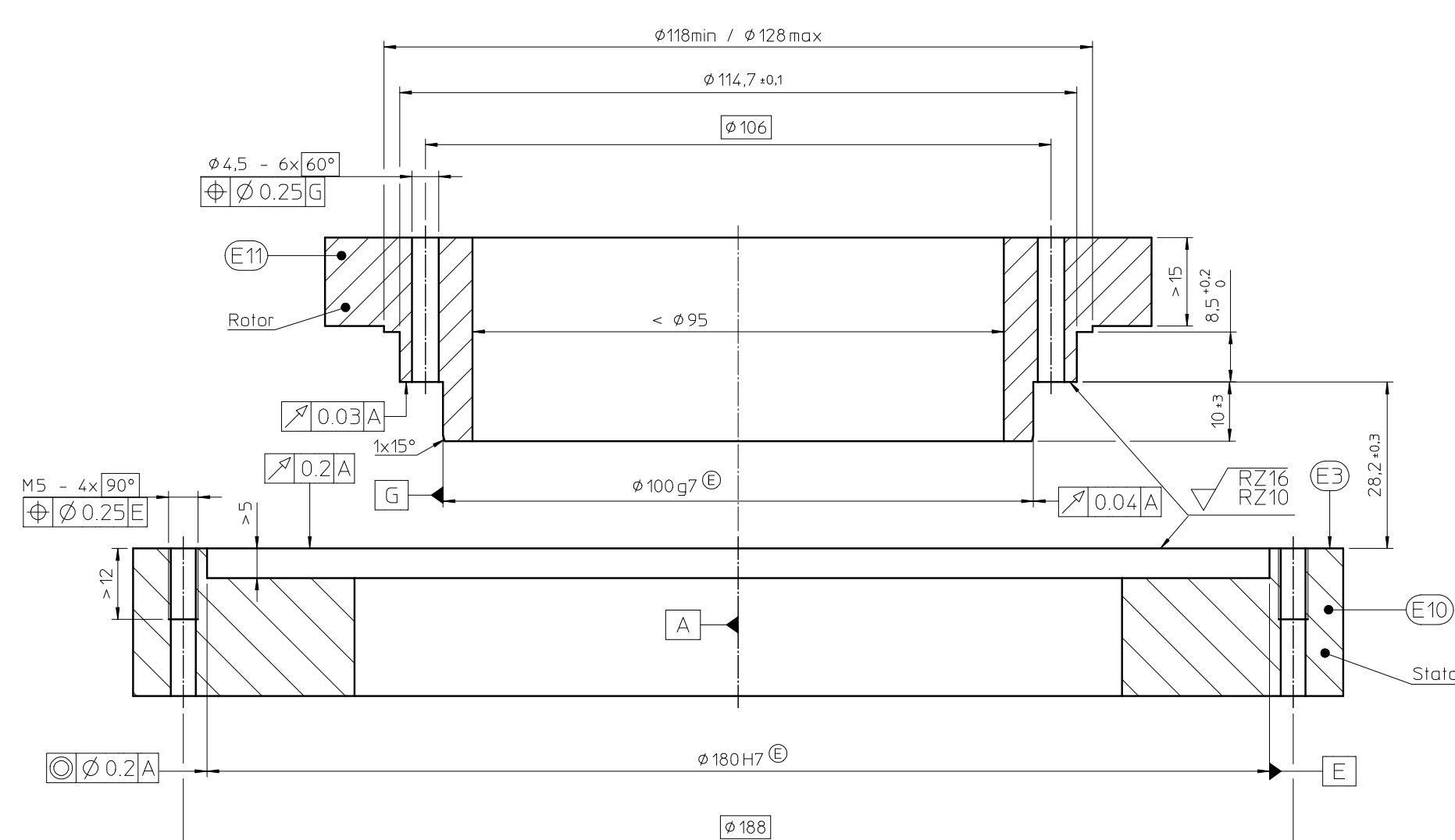
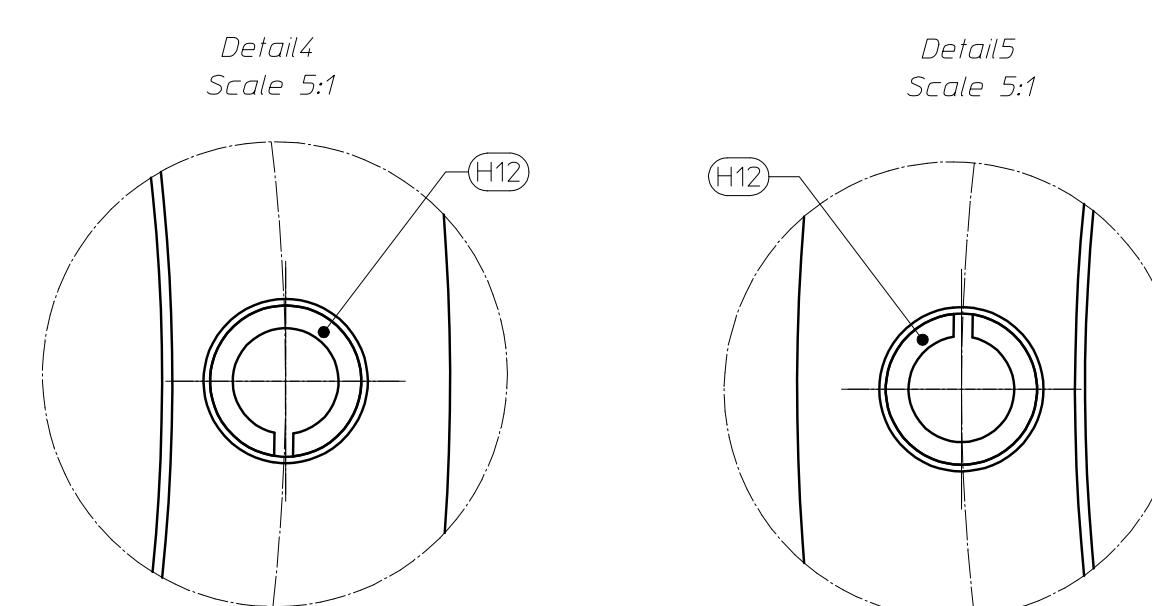
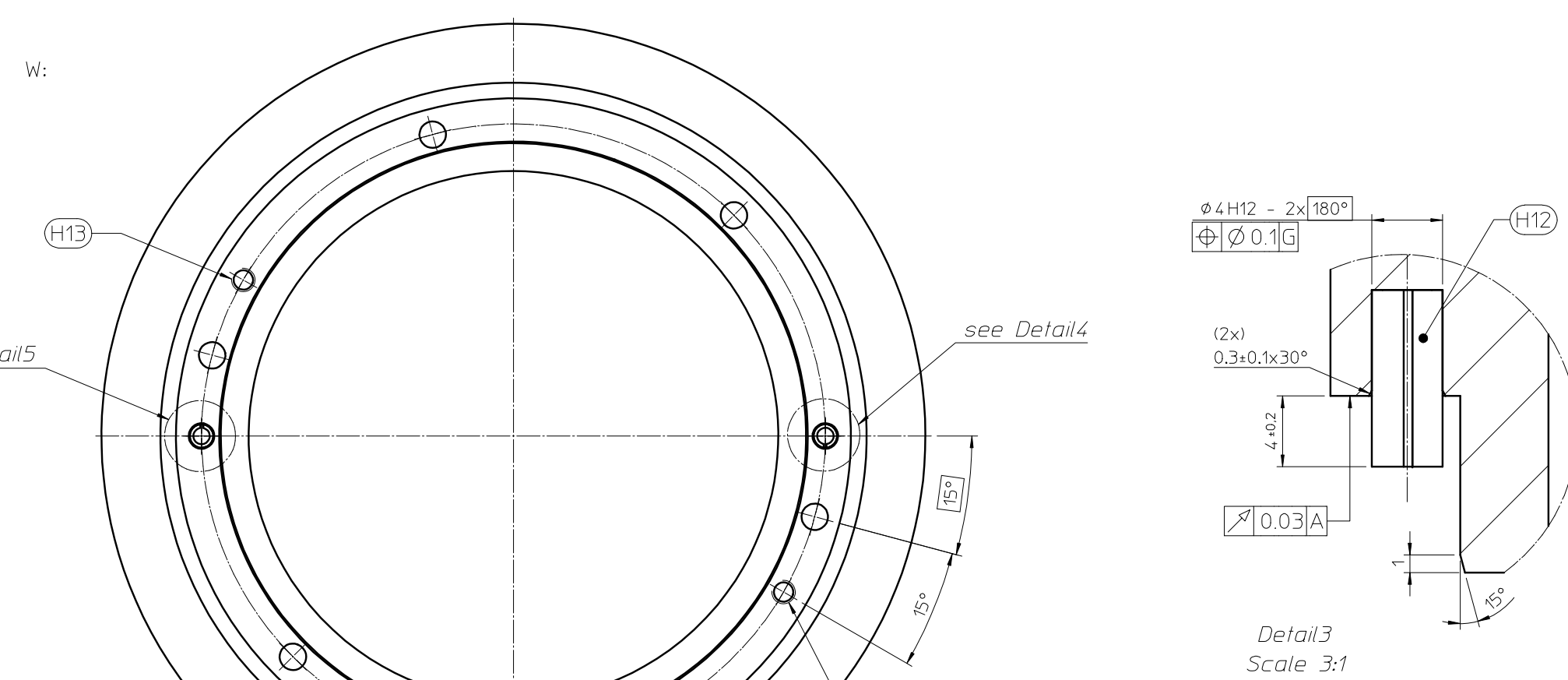
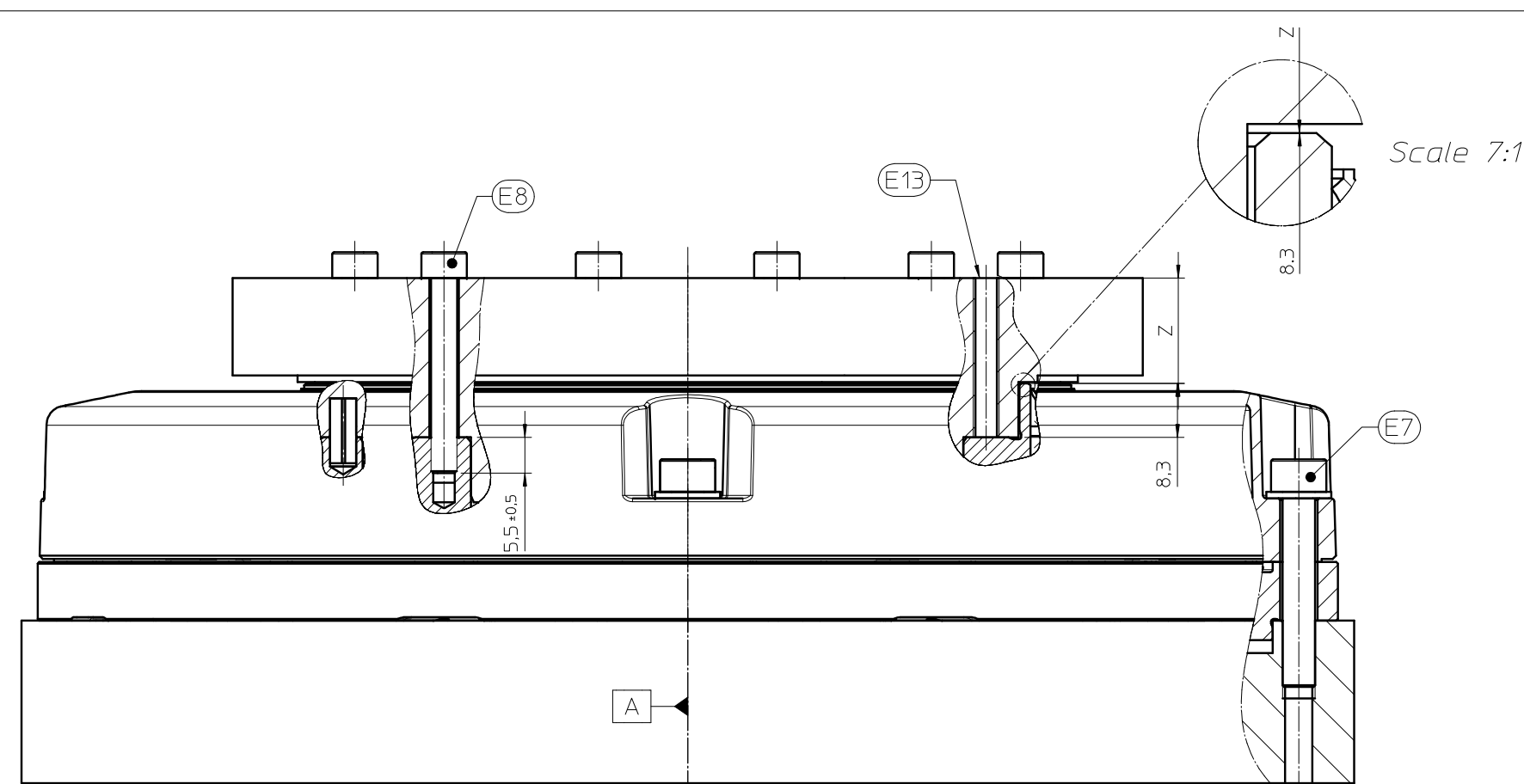
Bend radius for rigid configuration

- Cable Ø6mm: R>24mm
- Cable Ø4mm: R>16mm
- Cable Ø10,5mm: R>35mm

(E2) = Cable support.



WITHOUT MECHANICAL FAULT EXCLUSION

[illegible]

**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 burr-free, a potential chipper has to be removed.

- (A) • Bearing on mating shaft.
- (M) • Assembly sizing set by customer.
- (R) • Compressed or intake.
- (C) • Connector.
- (I) • 0° position index ±5°.
- (D) • Direction of shaft rotating for output signals is described in interface description.
- (E) • Mounting surface.
- (E) • D: 8262052  
Tightening torque of rig nut: 80/5Nm  
Metrically bonding anti-rotation lock necessary for mating shaft when mounted.
- (E) • D: 8262057  
(Shaft coupling/technical force exclusion: wast using with rig nut/ME4) necessary.
- (E) • Hexagon saked head cap screws M5: Pa=50,5  
Screw: DIN913-M5x30  
Screw property class: INOX A2  
DIN9135-200HV  
Metrically bonding anti-rotation lock necessary

|     |                                                                                                                                                                                                                                                                                                           |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E7  | Hexagon sealed head cap screws M: Pa-50.0,50N<br>Spec: DN912-MS30<br>Spec property class: 8.8<br>Material: DN333-200HV<br>Material bonding anti-rustation lack necessary.                                                                                                                                 |
| E8  | Hexagon sealed head cap screws M: Pa-29.0,30N<br>Spec: DN912<br>Spec property class: 8.8<br>Material: DN333-200HV<br>Material bonding anti-rustation lack necessary.                                                                                                                                      |
| E9  | Material of MATING SHAFT's steel<br>Without mechanical fault exclusion: $Ro2 \geq 2370\text{N/mm}^2$<br>With mechanical fault exclusion: $Ro2 \geq 2500\text{N/mm}^2$<br>Coefficient of thermal expansion: $10^{-6}/\text{K}$<br>Coefficient of thermal expansion: $(10 \times 10^{-6})/\text{K}^{\circ}$ |
| E10 | Material of MATING HOUSING's steel: $Ro2 \geq 2370\text{N/mm}^2$<br>Coefficient of thermal expansion: $(10 \times 10^{-6})/\text{K}^{\circ}$                                                                                                                                                              |
| E11 | Material of ROTOR's steel<br>Without mechanical fault exclusion: $Ro2 \geq 2370\text{N/mm}^2$<br>With mechanical fault exclusion: $Ro2 \geq 2500\text{N/mm}^2$<br>Coefficient of thermal expansion: $10^{-6}/\text{K}$<br>Coefficient of thermal expansion: $(10 \times 10^{-6})/\text{K}^{\circ}$        |

**(E12)** = 2x spring type straight pin for mechanical fault exclusion necessary DN1481-x40.

Mounting sequence:

1. Mount spring-type straight pins in correct angular position (see detail 4 and 5) in part E11.
2. Mount part E11 using E8 screws.
3. Pay attention to reference dimension Z:  
 $L-3.2-Z=0.15$

**(E13)** = Using spring-type straight pins removing threads (if) necessary, otherwise optional.

**(N1)** = Mounting surfaces and threads must be clean and free of grease.

Pa = Tightening torque.

[illegible]