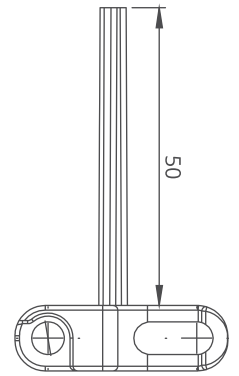
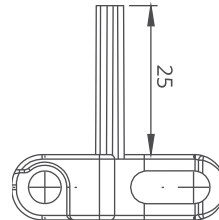
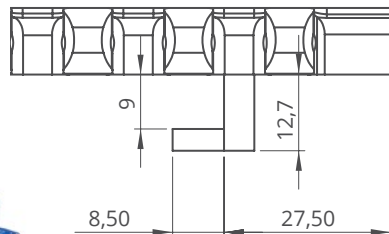


# EC254 R Series *Accessories and Technical Specifications*

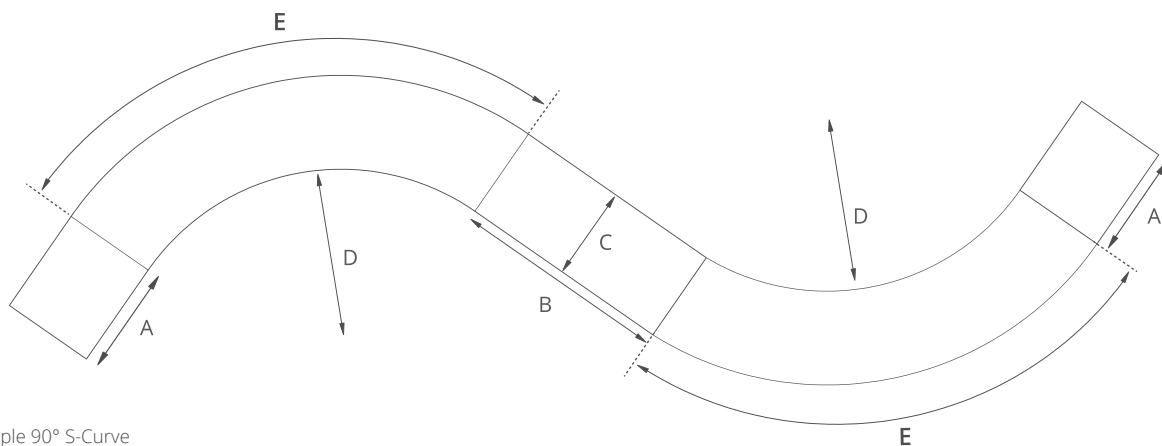
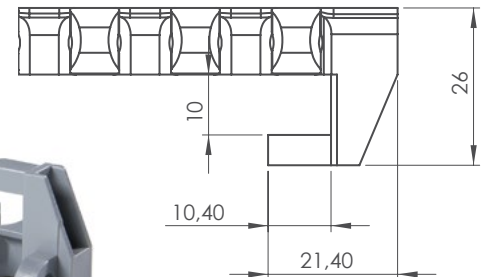


## EC254 R Series / TAB - Technical Specification

### TAB-M



### TAB-E



Radius Belt Example 90° S-Curve

## EC254 R Series / Radius Belt Calculation

- A: Straight run pull and n = Belt width
- B: Straight run between 2 curves = min. 2 x belt width
- C: Belt width
- D: Minimum inner radius
- E: Curve length

$$\text{Collapse Factor} = \frac{\text{Min. inner radius}}{\text{Belt width}}$$

$$\text{Minimum inner radius} = \text{Collapse Factor} \times \text{Belt width}$$

### CALCULATION EXAMPLE

Belt width: 400 mm 90° Radius Belt  
Collapse Factor: 2.14

$$D: 400 \times 2.14 = 856 \text{ mm}$$

$$A: 400 \text{ (Min.)}$$

$$B: 2 \times 400 = 800 \text{ mm (Min.)}$$

$$E: \frac{2 \times (C + D) \times 3.14}{4} = 1972 \text{ mm}$$

$$\text{Total length} = (2 \times A) + B + (2 \times E)$$