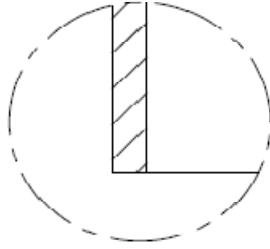
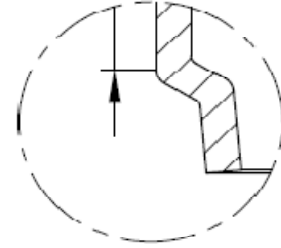


DETAY - A  
DETAIL - A



DETAY - B  
DETAIL - B



**DIN 28 013**

$$R1 = 0,8 \times D$$

$$R2 = 0,154 \times D$$

$$h1 \geq 3 \times t$$

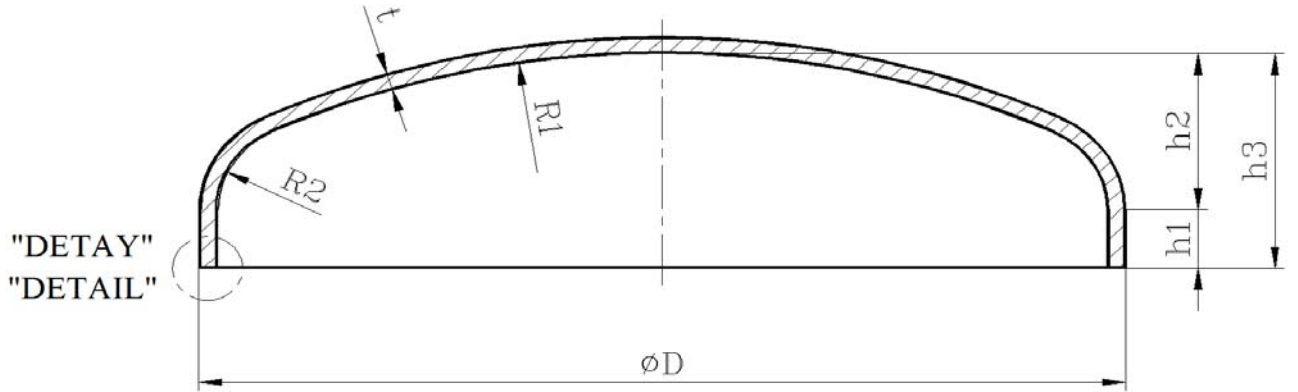
$$h2 = 0,255 \times D - 0,635 \times t$$

$$\text{Volume}(h1=0) \approx 0,1298(D-2t)^3$$

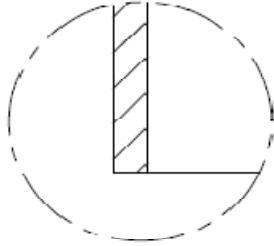
$$\text{Mass} = (Dp^2 \times 0,785 \times 8/1000000) \times t$$

\* $t$  = Ham Malzeme Kalınlığı - Raw material thickness

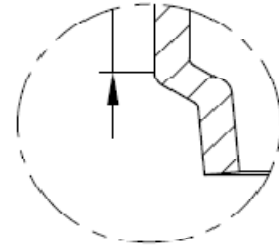
\* $Dp$  = Pul Çapı - Diameter of blank disc



DETAY - A  
DETAIL - A



DETAY - B  
DETAIL - B



**DIN 28 011**

$$R1 = D$$

$$R2 = 0,1 \times D$$

$$h1 \geq 3,5 \times t$$

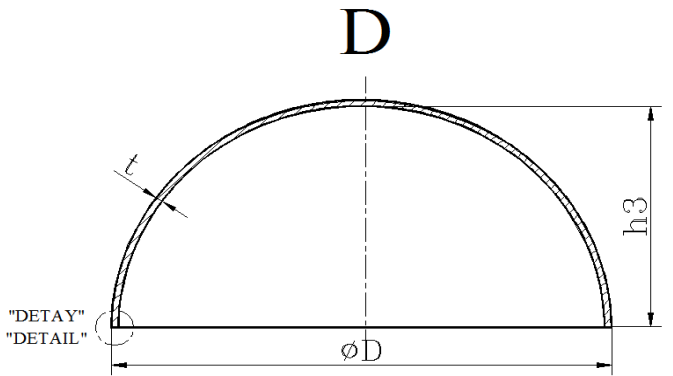
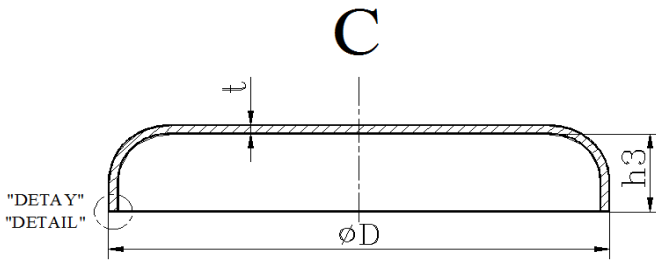
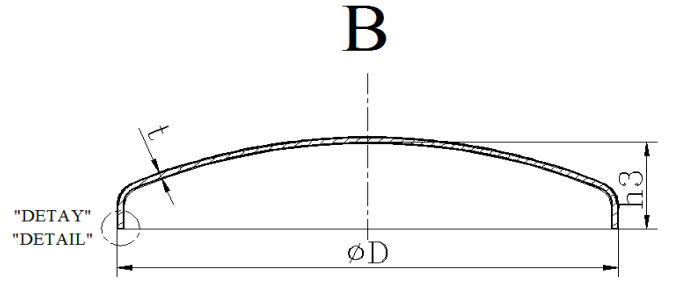
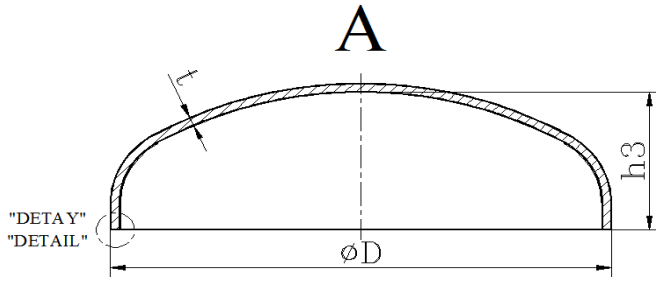
$$h2 = 0,1935 \times D - 0,455 \times t$$

$$\text{Volume}(h1=0) \approx 0,1(D-2t)^3$$

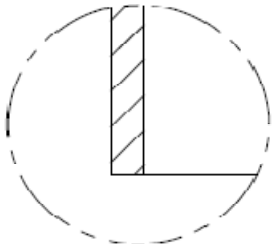
$$\text{Mass} = (Dp^2 \times 0,785 \times 8/1000000) \times t$$

\*t=Ham Malzeme Kalınlığı - Raw material thickness

\*Dp = Pul Çapı - Diameter of blank disc



DETAY - A  
DETAIL - A



DETAY - B  
DETAIL - B

