

Ashwani^o kr Chaudhary
20 feb-8

Q.N.

60 R7/h6

for hole

$$BS = 60 \text{ mm}$$

$$FD = 41 \mu\text{m}$$

$$IT_6 = 30 \mu\text{m}$$

$$\begin{aligned} D_{\max} &= BS + FD \\ &= 60 + (-0.041) \\ &= 59.959 \text{ mm} \end{aligned}$$

$$\begin{aligned} D_{\min} &= BS + FD + IT_6 \\ &= 59.959 - (0.03) \\ &= 59.929 \text{ mm} \end{aligned}$$

for allowance

$$\begin{aligned} D_{\min} - d_{\max} &= 59.929 - 60 = (-0.071) \\ D_{\max} - d_{\min} &= 59.959 - 59.981 = (-0.022) \end{aligned}$$

It is interference fit

It is shaft basic system.

for shaft

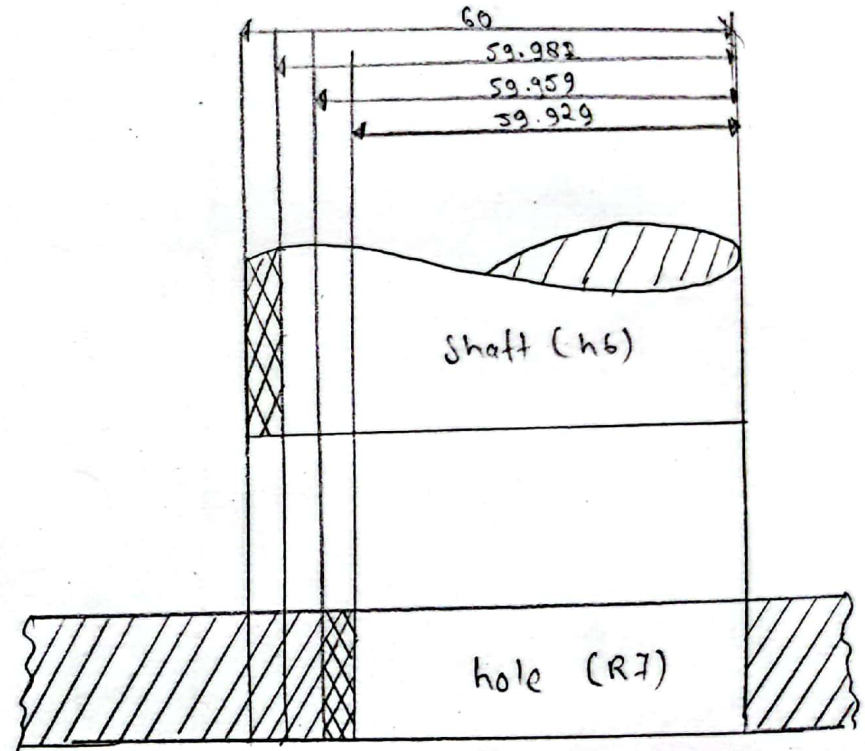
$$BS = 60 \text{ mm}$$

$$FD = 0 \mu\text{m}$$

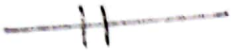





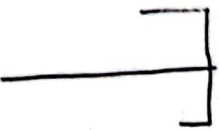



$$IT_6 = 19 \mu\text{m}$$

$$\begin{aligned} d_{\max} &= BS + FD \\ &= 60 - 0 \\ &= 60 \text{ mm} \end{aligned}$$

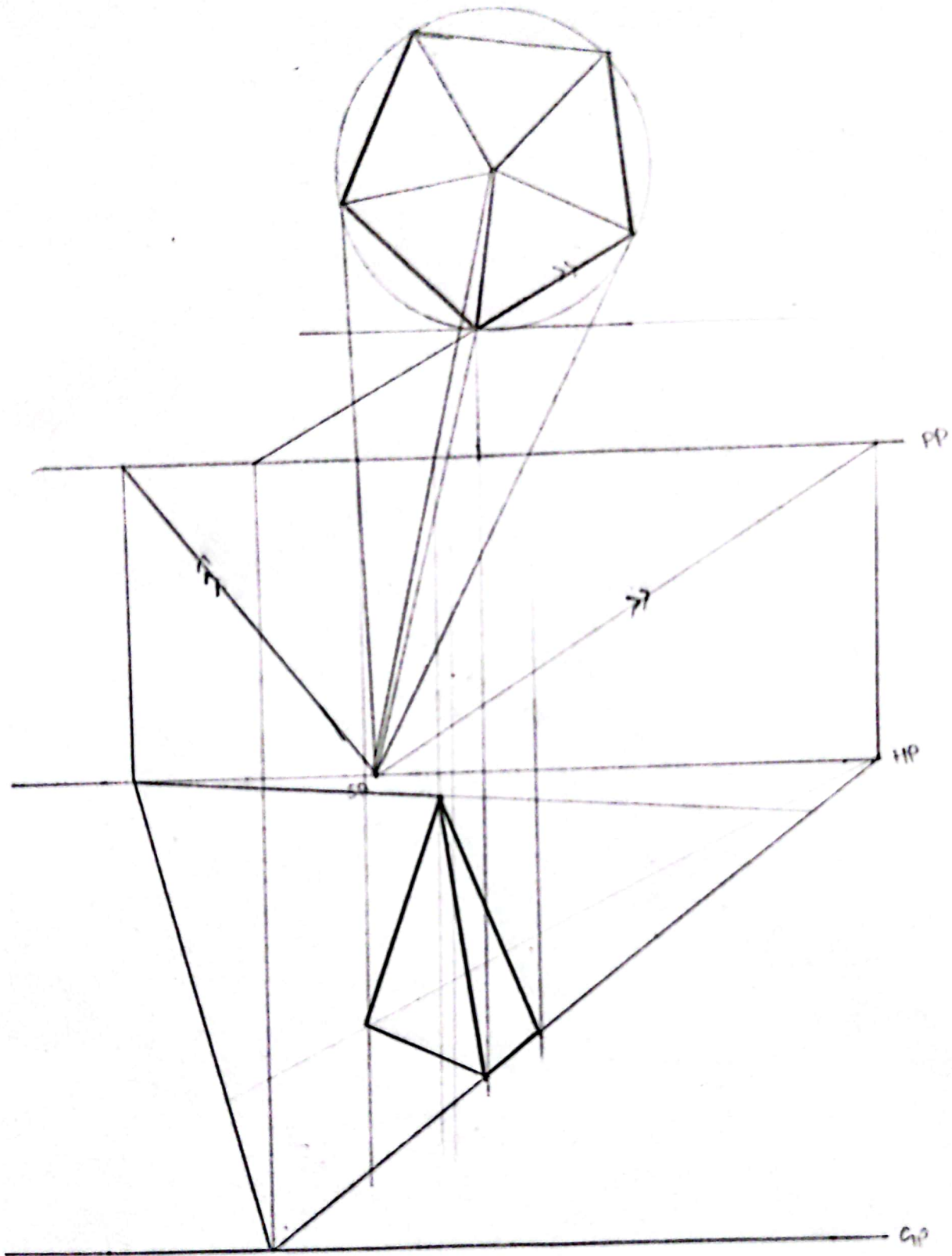
$$\begin{aligned} d_{\min} &= BS + FD + IT_6 \\ &= 60 - 0.019 \\ &= 59.981 \text{ mm} \end{aligned}$$



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Symbol	Name	Symbol	Name
	Joint		Expansion
	Cross		Plug
	Double V-butt		Bushing
	Cap		Cross Over
	Square butt		Spot Weld

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