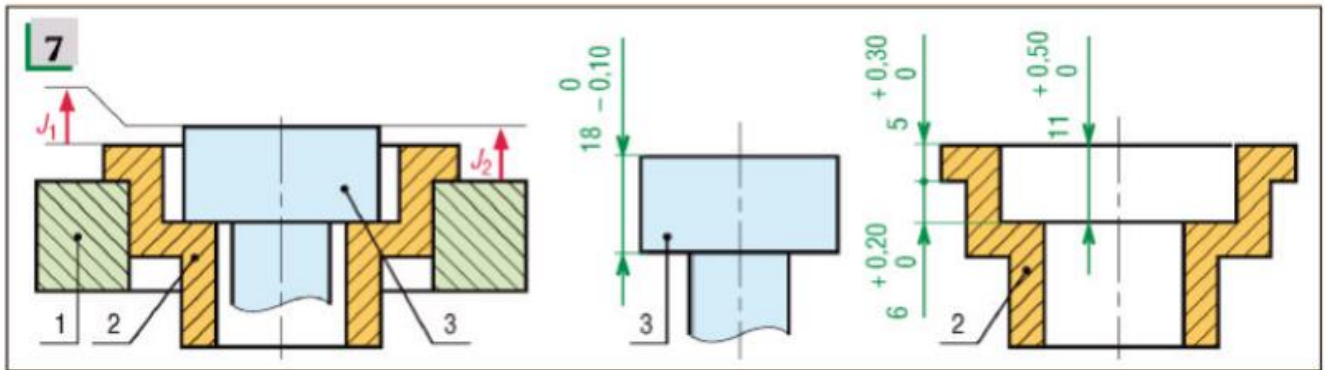


CF03

Pour le montage ci-dessous, installer les chaines de cotes relatives aux jeux indiqués.
Pour les 2 jeux, calculer J_{max} , J_{min} , ITJ .



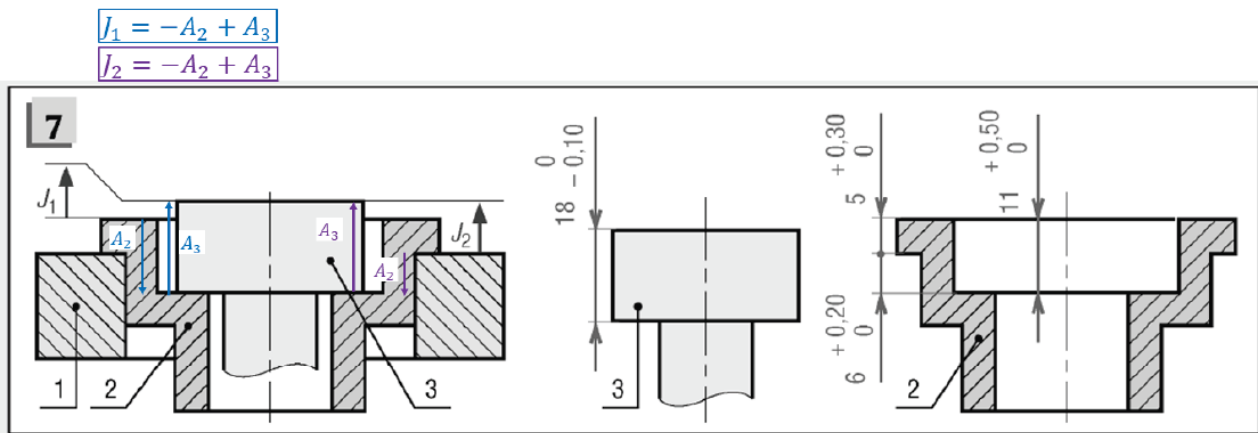
Source : Guide des sciences et technologies industrielles, J-L Fanchon, Nathan

REPONSES

$$\begin{aligned} J_{1max} &= 7 \text{ mm} \\ J_{1min} &= 6.4 \text{ mm} \\ IT_{J_1} &= 0.6 \text{ mm} \end{aligned}$$

$$\begin{aligned} J_{2max} &= 12 \text{ mm} \\ J_{2min} &= 11.7 \text{ mm} \\ IT_{J_2} &= 0.3 \text{ mm} \end{aligned}$$

CORRIGE



$$J_{1maxi} = -A_{2min} + A_{3max} = -11 + 18 = 7 \text{ mm}$$

$$J_{1mini} = -A_{2max} + A_{3min} = -11.5 + 17.9 = 6.4 \text{ mm}$$

$$IT_{J_1} = J_{1maxi} - J_{1mini} = 0.6 \text{ mm}$$

$$J_{2maxi} = -A_{2min} + A_{3max} = -6 + 18 = 12 \text{ mm}$$

$$J_{2mini} = -A_{2max} + A_{3min} = -6.2 + 17.9 = 11.7 \text{ mm}$$

$$IT_{J_2} = J_{2maxi} - J_{2mini} = 0.3 \text{ mm}$$