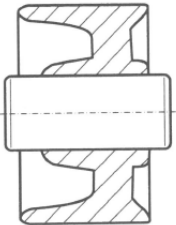
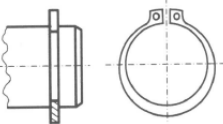
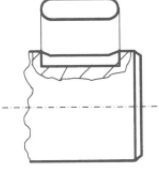
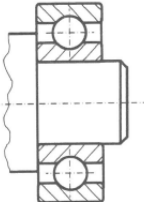


CAO1 – Tolérances/Ajustements

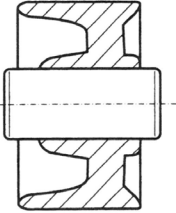
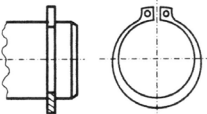
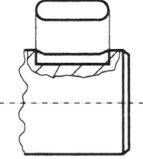
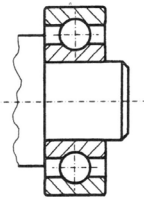
TA04

Selon chaque type d'ajustement, remplir le tableau suivant :

								
	<i>Alésage</i>	<i>Arbre</i>	<i>Rainure</i>	<i>Circlip</i>	<i>Rainure</i>	<i>Clavette</i>	<i>Bague</i>	<i>Axe</i>
	25H7	25g6	1,6H13	1,5h6	6N9	6h9	80N7	80k5
<i>Cote nominale</i> mm								
<i>Écart supérieur</i> μm								
<i>Écart inférieur</i> μm								
<i>Champ tolérance</i> μm								
<i>Dimension max.</i> mm								
<i>Dimension min.</i> mm								
<i>Jeu maximal</i> μm								
<i>Jeu minimal</i> μm								
<i>Serrage maximal</i> μm								
<i>Serrage minimal</i> μm								
<i>Type d'ajustement</i>								

Source : J-F Ferrot, Construction Mécanique, PPUR

CORRIGE

								
	Alésage	Arbre	Rainure	Circlip	Rainure	Clavette	Bague	Axe
	25H7	25g6	1,6H13	1,5h6	6N9	6h9	80N7	80k5
Cote nominale mm	25		1,6	1,5	6	6	80	80
Écart supérieur μm	+21	-7	+140	0	0	0	-9	+15
Écart inférieur μm	0	-20	0	-6	-30	-30	-39	+2
Champ tolérance (IT) μm	21	13	140	6	30	30	30	13
Dimension max. mm	25,021	24,993	1,740	1,500	6,000	6,000	79,991	80,015
Dimension min. mm	25,000	24,980	1,600	1,494	5,970	5,970	79,961	80,002
Jeu maximal μm	41		246		30		—	
Jeu minimal μm	7		100		—		—	
Serrage maximal μm	—		—		30		54	
Serrage minimal μm	—		—		—		11	
Type d'ajustement	jeu		jeu		incertain		serré	