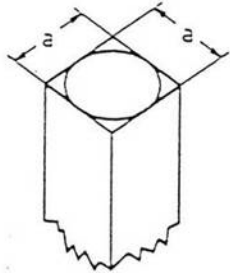


$$M = \frac{V}{S} = \frac{r^2 \times \pi \times h}{2\pi r^2 + 2\pi r(h-c)}$$

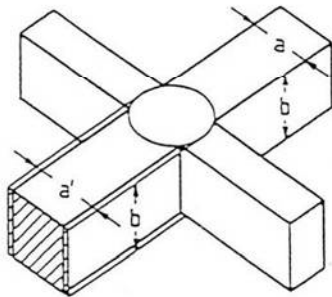
$$\frac{r^2 \times \pi \times h}{2\pi r(r+h) - c}$$

$$\frac{r \times h}{2(r+h) - c}$$



Barre à section carrée

$$\text{Module} = \frac{\text{surface}}{\text{diamètre}} = \frac{a^2}{4a} = \frac{a}{4}$$

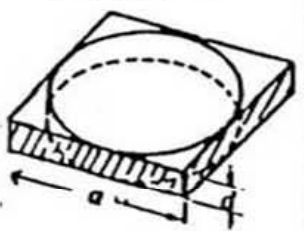
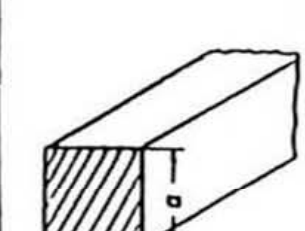
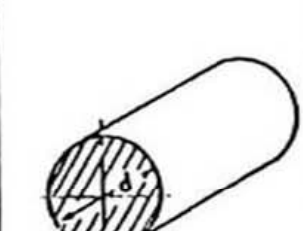
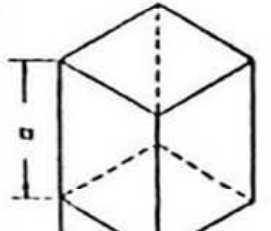
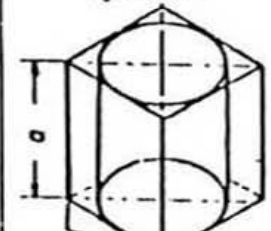
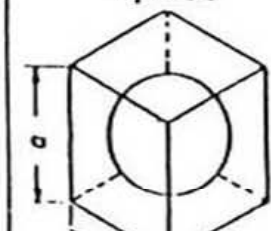
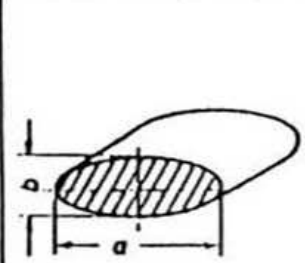
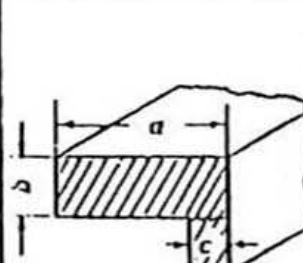
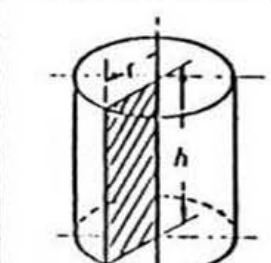
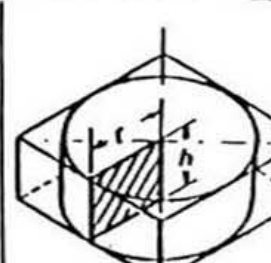
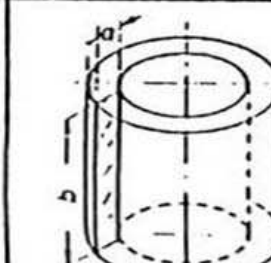
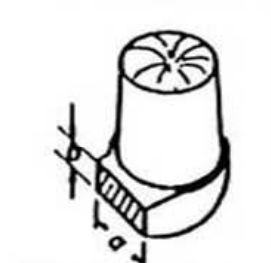


$$M = \frac{a' \times b}{2(a' + b) - 2b}$$

$$M = \frac{a' \times b}{2a' + 2b - 2b}$$

$$M = \frac{a' \times b}{2a'}$$

Forme	Module		
	Disque, plaque avec $a \geq 5d$ $M = \frac{d}{2}$		
	Barre longue $M = \frac{a \times b}{2(a+b)}$ $M = \frac{V}{S} = \frac{a \times b \times L}{a \times L \times 2 + b \times L \times 2} = \frac{a \times b \times L}{2L(a+b)} = \frac{a \times b}{2(a+b)}$ $M = \frac{a \times b}{2(a+b) - c}$ $c = \text{surface non refroidie}$		
	Cube $M = \frac{a}{6}$ $\frac{V}{S} = \frac{a^3}{6a^2} = \frac{a}{6}$	Cylindre $M = \frac{a}{6}$	Sphère $M = \frac{a}{6}$ $\frac{V}{S} = \frac{a^3 \times \pi}{6a^2 \times \pi} = \frac{a}{6}$
	Cylindre plein $M = \frac{r \times h}{2(r+h)}$ $\frac{V}{S} = \frac{r^2 \times \pi \times h}{r^2 \times \pi \times 2 + 2\pi r h} = \frac{r^2 \times \pi \times h}{2\pi r(r+h)} = \frac{r \times h}{2(r+h)}$		
	Anneau, cylindre creux $M = \frac{a \times b}{2(a+b)}$		

Disque/plaque.			cube	cylindre	sphère
 <p>$a \geq 5d$</p>					
$M = \frac{a \cdot d}{2}$	$M = \frac{a}{4}$	$M = \frac{d}{4}$	$M = \frac{a}{6}$	$M = \frac{a}{6}$	$M = \frac{a}{6}$
Barre.					 <p>anneau</p>
$M = \frac{a \cdot b}{2(a+b)}$	$M = \frac{a \cdot b}{2(a+b)}$	$M = \frac{a \cdot b}{2(a+b)-c}$	$M = \frac{r \cdot h}{2(r+h)}$	$M = \frac{r \cdot h}{2(r+h)}$	$M = \frac{a \cdot b}{2(a+b)}$
 <p>Col masselotte</p> $M = \frac{a \cdot b}{(a+b)}$					