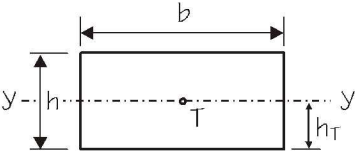
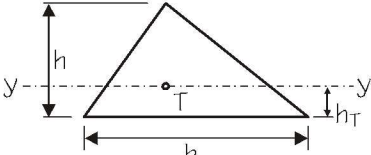
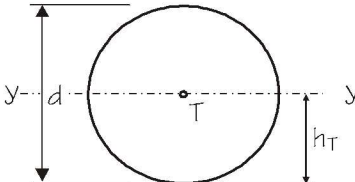
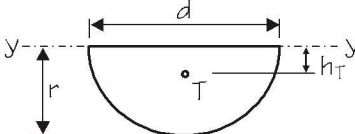
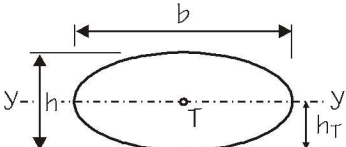
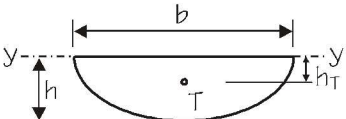
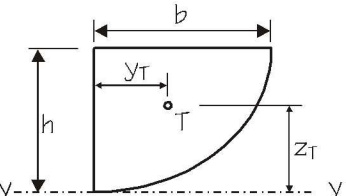
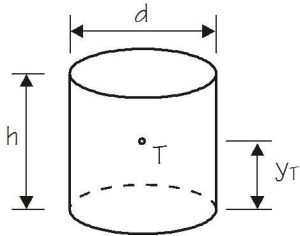
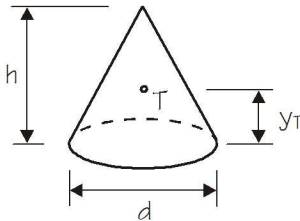
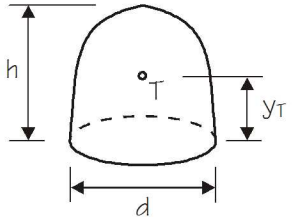
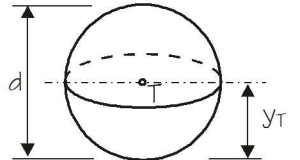
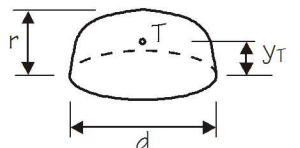


PRAVOUGONIK		površina	položaj težišta	momenat inercije
		$A = b h$	$h_T = \frac{h}{2}$	$I_{yy} = \frac{b h^3}{12}$
TROUGAO		$A = \frac{b h}{2}$	$h_T = \frac{h}{3}$	$I_{yy} = \frac{b h^3}{36}$
KRUG		$A = \frac{\pi d^2}{4}$	$h_T = \frac{d}{2}$	$I_{yy} = \frac{\pi d^4}{64}$
POLUKRUG		$A = \frac{\pi d^2}{8}$	$h_T = \frac{4 r}{3 \pi}$	$I_{yy} = \frac{\pi d^4}{128}$
ELIPSA		$A = \frac{\pi b h}{4}$	$h_T = \frac{h}{2}$	$I_{yy} = \frac{\pi b h^3}{64}$
POLUELIPSA		$A = \frac{\pi b h}{4}$	$h_T = \frac{4 h}{3 \pi}$	$I_{yy} = \frac{\pi b h^3}{128}$
PARABOLA		$A = \frac{2}{3} b h$	$z_T = \frac{3 h}{5}$ $y_T = \frac{3 b}{8}$	$I_{yy} = \frac{2 b h^3}{7}$

Slika C.1: Površine, položaj težišta i momenti inercije

		zapremina	položaj težišta
VALJAK		$\frac{\pi d^2 h}{4}$	$y_T = \frac{h}{2}$
KUPA		$\frac{1}{3} \frac{\pi d^2 h}{4}$	$y_T = \frac{h}{4}$
PARABOLOID		$\frac{1}{2} \frac{\pi d^2 h}{4}$	$y_T = \frac{h}{3}$
SFERA		$\frac{\pi d^3}{6}$	$y_T = \frac{d}{2}$
POLUSFERA		$\frac{\pi d^3}{12}$	$y_T = \frac{3r}{8}$

Slika C.2: Zapremine i položaj težišta