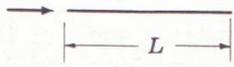
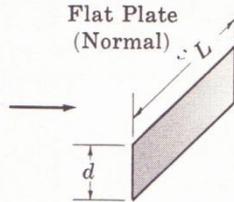
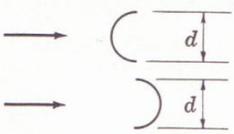
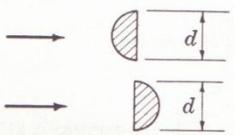
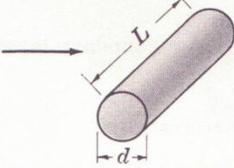
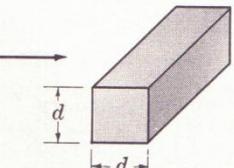


Table 5.1. Drag Coefficients

Object	C_D	Reynolds No. Range	Characteristic Length	Characteristic Area
Flat Plate (Tangential) 	$1.33(N_R)^{-1/2}$	laminar	L	Plate surface area
	$0.074(N_R)^{-1/5}$	$N_R < 10^7$		
Flat Plate (Normal) 	L/d 1 1.18 5 1.2 10 1.3 20 1.5 30 1.6 ∞ 1.95	$N_R > 10^3$	d	Plate surface area
Circular Disk (Normal) 	1.17	$N_R > 10^3$	d	
Sphere 	$24(N_R)^{1/2}$	$N_R < 1$	d	Projected area
	0.47	$10^3 < N_R < 3 \times 10^5$		
	0.2	$N_R > 3 \times 10^5$		
Hollow Hemisphere 	0.34	$10^4 < N_R < 10^6$	d	Projected area
	1.42	$10^4 < N_R < 10^6$		
Solid Hemisphere 	0.42	$10^4 < N_R < 10^6$	d	Projected area
	1.17	$10^4 < N_R < 10^6$		
Circular Cylinder 	L/d 1 0.63 5 0.8 10 0.83 20 0.93 30 1.0 ∞ 1.2	$10^3 < N_R < 10^5$	d	Projected area
Square Cylinder 	2.0	$3.5(10)^4$	d	Projected area

Coefficienti di resistenza per alcune configurazioni geometriche