Coefficients Of Friction (Static)

Material	Against Material	Dry Contact	Lubricated Contact
Aluminum	Aluminum	1.35	.30
Aluminum	Steel	.45	
Brake (Composite)	Cast Iron	.40	
Brass	Steel	.35	.19
Brick	Wood	.60	
Bronze	Steel		.16
Cadmium	Cadmium	.50	.05
Cast Iron	Steel	.40	.21
Chromium	Chromium	.41	.34
Copper	Copper	1.00	.08
Copper-Lead Alloy	Steel	.22	
Diamond	Diamond	.10	.05 - .10
Diamond	Metal	.10 - .15	.10
Glass	Glass	.90 - 1.0	.10 - .60
Glass	Metal	.50 - .70	.20 - .30
Graphite	Graphite	.10	.10
Iron	Iron	1.0	.15 - .20
Leather	Wood	.30 - .40	
Leather	Metal	.60	
Magnesium	Magnesium	.60	.079
Nickel	Nickel	.70	.28
Nylon	.15 - .25		
Phosphor Bronze	Steel	.35	
Platnium	Platnium	1.20	.25
Plexiglas	Plexiglas	.80	.80
Plexiglas	Steel	.40 - .50	.40 - .50
Polystrene	Polystrene	.50	.50
Polystrene	Steel	.30 - .35	.30 - .35
Silver	Silver	1.40	.55
Steel	Steel	.80	.16
Teflon	Steel	.04	.04
Teflon	Teflon	.04	.04
Tungston Carbide	Steel	.40 - .60	.10 - .20
Tungston Carbide	Tungston Carbide	.20 - .25	.12
Wood	Wood	.25 - .50	.20
Wood	Metals	.20 - .60	.20
Zinc	Zinc	.60	.04