

mass →
 charge →
 spin →

Quarks

Leptons

I	II	III	
2.4 MeV 2/3 1/2 u up	1.27 GeV 2/3 1/2 c charm	171.2 GeV 2/3 1/2 t top	0 0 1 γ photon
1.8 MeV -1/3 1/2 d down	104 MeV -1/3 1/2 s strange	4.2 GeV -1/3 1/2 b bottom	0 0 1 g gluon
< 2.2 eV 0 1/2 ν_e electron neutrino	< 0.17 MeV 0 1/2 ν_μ muon neutrino	< 15.5 MeV 0 1/2 ν_τ tau neutrino	80.4 GeV ±1 1 W[±] weak force
0.511 MeV -1 1/2 e electron	105.7 MeV -1 1/2 μ muon	1.777 GeV -1 1/2 τ tau	91.2 GeV 0 1 Z weak force

Bosons (forces)