

	Quark (q)	Symbol	Charge (e)	Weak isospin T_z	Mass (MeV/c ²)	Spin (\hbar)	Baryon number
1st generation	up	u	2/3	1/2	336	1/2	1/3
	down	d	−1/3	−1/2	338	1/2	1/3
2nd generation	charm	c	2/3	1/2	1,500	1/2	1/3
	strange	s	−1/3	−1/2	540	1/2	1/3
3rd generation	top	t	2/3	1/2	170,900	1/2	1/3
	bottom	b	−1/3	−1/2	5,000	1/2	1/3