

Shutter Speeds			ISO Sensitivity		F Stops		
Full Stops	Half Stops	Third Stops	Full Stops	Third Stops	Full Stops	Half Stops	Third Stops
1/8000	1/8000	1/8000	100	100	1.0	1.0	1.0
1/4000	1/6000	1/6400	200	125	1.4	1.2	1.1
1/2000	1/4000	1/5000	400	160	2.0	1.4	1.2
1/1000	1/3000	1/4000	800	200	2.8	1.7	1.4
1/500	1/2000	1/3200	1600	250	4.0	2.0	1.6
1/250	1/1500	1/2500	3200	320	5.6	2.4	1.8
1/125	1/1000	1/2000	6400	400	8	2.8	2.0
1/60	1/750	1/1600	12,500	500	11	3.3	2.2
1/30	1/500	1/1250		640	16	4.0	2.4
1/15	1/350	1/1000		800	22	4.8	2.8
1/8	1/250	1/800		1000	32	5.6	3.2
1/4	1/180	1/640		1250	45	6.7	3.5
1/2	1/125	1/500		1600		8	4.0
1	1/90	1/400		2000		9.5	4.5
2	1/60	1/320		2500		11	5.0
4	1/45	1/250		3200		13	5.6
	1/30	1/200		4000		16	6.3
	1/20	1/160		5000		19	7.1
	1/15	1/125		6400		22	8
	1/10	1/100		8000		27	9
	1/8	1/80		1000		32	10
	1/6	1/60		12,500		38	11
	1/4	1/50				45	13
	1/3	1/40					14
	1/2	1/30					16
	1/1.5	1/25					18
	1	1/20					20
	1.5	1/15					22
	2	1/13					25
	3	1/10					29
	4	1/8					32
	6	1/6					36
		1/5					42
		1/4					45
		1/3					
		1/2.5					
		1/2					
		1/6					
		1/3					
		1"					
		1.3"					
		1.6"					
		2"					
		2.5"					
		3"					
		4"					

Master Stop Chart

Stop changes are interchangeable.

Going up or down an equal change of stops (full stops or the addition of partial stops), through the three exposure variables, will result in an identical final exposure of your image.

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