

# NUTS & BOLTS: Large and Medium Format Lenses

Lens Equivalents to 35mm (for the *Longest Film Dimension*, not the film diagonal)

Actual Lens Focal Length:	Formats							4x10" or 8x10"
	645 or 6x6cm	6x7cm	6x9cm	6x12cm	4x5"	6x17cm	5x7"	
35mm	23mm	18mm	15mm	11mm				
38mm	24mm							
40mm	26mm	20mm						
43mm	28mm	22mm						
45mm	29mm	23mm	20mm	14mm				
47mm	30mm	24mm	21mm	15mm	14mm			
50mm	32mm	25mm	22mm	16mm				
55mm	35mm	27mm	24mm	18mm	16mm			
58mm	37mm	29mm	25mm	19mm	17mm			
60mm	37mm	30mm	26mm	19mm	18mm			
65mm	42mm	33mm	28mm	21mm	20mm			
72mm	46mm	36mm	32mm	23mm	21mm	16mm	15mm	
75mm	48mm	37mm	33mm	24mm	23mm	16mm		
80mm	51mm	40mm	35mm	26mm	24mm	17mm		
90mm	58mm	45mm	40mm	29mm	27mm	19mm	19mm	
100mm	64mm	50mm	44mm	32mm	30mm	21mm	21mm	
105mm	68mm	53mm	46mm	34mm	31mm	23mm	22mm	
110mm	71mm	55mm	48mm	35mm	33mm	24mm	23mm	
115mm	74mm	58mm	50mm	37mm	35mm	25mm	24mm	
120mm	77mm	60mm	53mm	39mm	36mm	26mm	25mm	18mm
125mm	80mm	63mm	55mm	40mm	37mm	27mm	26mm	18mm
127mm	82mm	64mm	56mm	41mm	38mm	27mm	27mm	19mm
135mm	87mm	68mm	59mm	44mm	40mm	29mm	29mm	20mm
140mm	90mm	70mm	61mm	45mm	42mm	30mm	30mm	20mm
145mm	93mm	73mm	64mm	47mm	44mm	31mm	31mm	21mm
150mm	96mm	75mm	66mm	48mm	45mm	32mm	32mm	22mm
155mm	100mm	78mm	68mm	50mm	47mm	33mm	33mm	23mm
165mm	106mm	82mm	72mm	53mm	50mm	35mm	35mm	24mm
180mm	116mm	90mm	79mm	58mm	54mm	39mm	38mm	26mm
190mm	122mm	95mm	83mm	61mm	57mm	41mm	40mm	28mm
200mm	129mm	100mm	88mm	64mm	60mm	43mm	42mm	29mm
210mm	135mm	105mm	92mm	67mm	63mm	45mm	44mm	31mm
240mm	154mm	120mm	105mm	77mm	71mm	51mm	51mm	35mm
250mm	161mm	125mm	110mm	80mm	75mm	54mm	53mm	37mm
270mm	174mm	135mm	119mm	87mm	81mm	58mm	57mm	40mm
300mm	193mm	150mm	132mm	96mm	89mm	64mm	64mm	44mm
305mm	196mm	153mm	134mm	98mm	92mm	65mm	65mm	45mm
350mm	225mm	175mm	154mm	113mm	105mm	75mm	74mm	51mm
355mm	228mm	178mm	156mm	114mm	107mm	76mm	75mm	52mm
360mm	231mm	180mm	171mm	116mm	107mm	77mm	76mm	53mm
400mm	257mm	200mm	176mm	128mm	119mm	86mm	85mm	59mm
420mm	270mm	210mm	184mm	135mm	124mm	92mm	87mm	62mm
450mm	289mm	225mm	198mm	145mm	134mm	96mm	95mm	66mm
480mm	309mm	240mm	211mm	154mm	143mm	103mm	102mm	70mm
500mm	321mm	250mm	220mm	161mm	149mm	107mm	106mm	73mm
600mm	386mm	300mm	264mm	193mm	179mm	129mm	127mm	88mm
720mm	463mm	360mm	316mm	231mm	216mm	154mm	152mm	105mm
800mm	514mm	400mm	351mm	257mm	240mm	171mm	169mm	117mm
1200mm	771mm	600mm	527mm	386mm	360mm	257mm	254mm	176mm

## Equivalent Focal Lengths in 35mm

### To use the chart:

1. Find the focal length of the lens in question in the left-hand column.
2. Then look to the right to find the 35mm equivalent for that focal length when used with the film format that interests you.