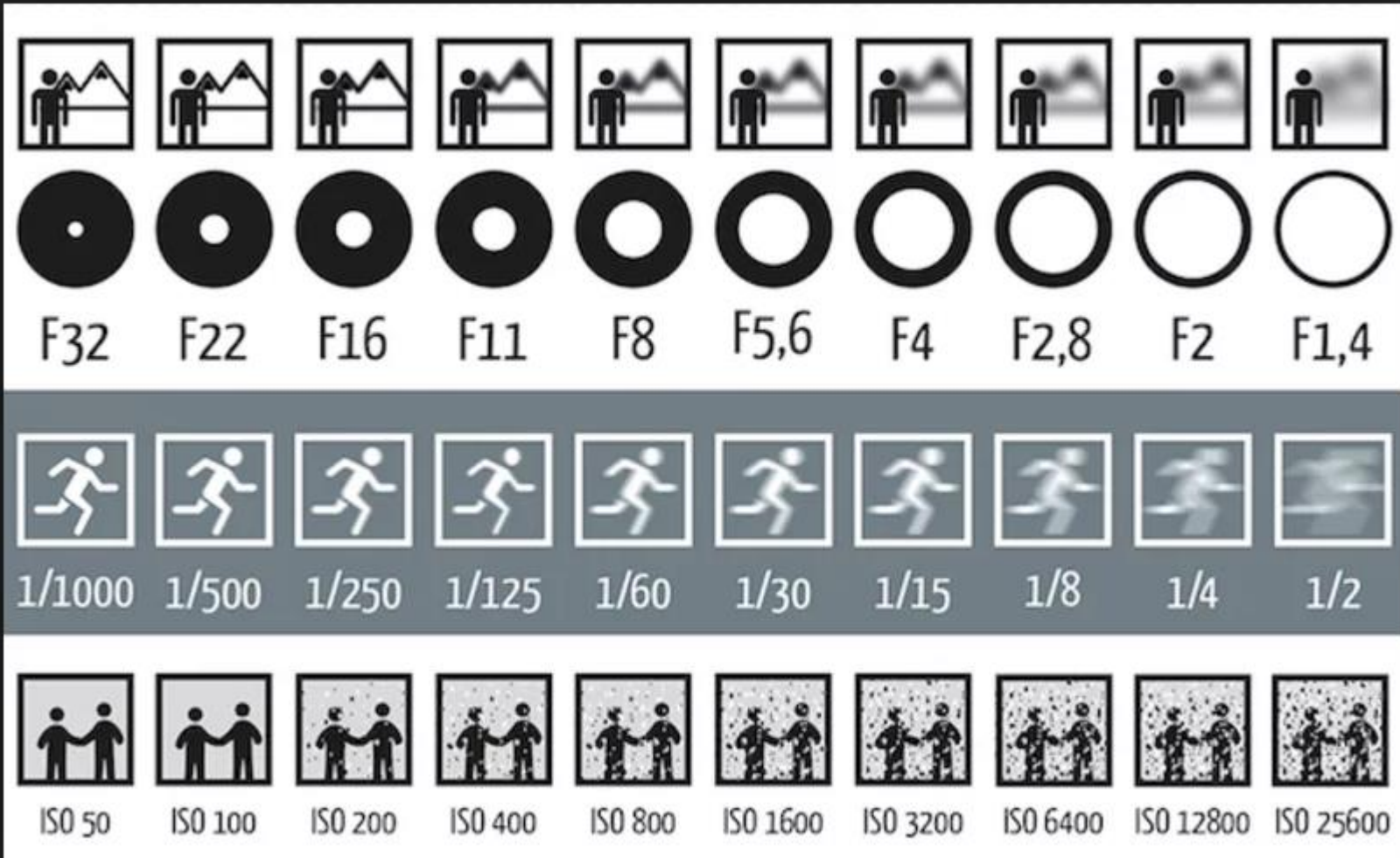


A thick black L-shaped frame is positioned around the text. It starts at the top left, goes right, then down, then right again, and finally down to the bottom right corner.

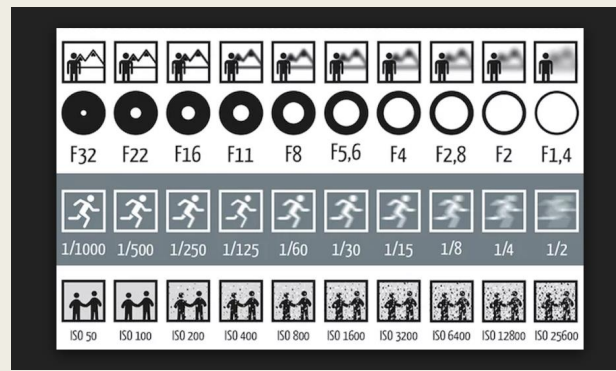
SLOW SHUTTER

Understanding Light
Aperture, Shutter speed and ISO



Less Light into Camera

More Light into Camera



Less Light into Camera

Small aperture F32: Large depth of field
Less light into camera
Darker image

Fast shutter speed
1/1000 sec Sharper image
Less light into camera
Darker image

Low ISO number
ISO 50 Clear and fine image
Less light into camera
Darker image

More Light into Camera

Large aperture F1.4: Shallow depth of field
More light into camera
Lighter image

Slow shutter speed
1/2 sec More blurred image
More light into camera
Lighter image

High ISO number
ISO 25600 Grainy and noisy image
More light into camera
Lighter image

SLOW SHUTTER

If the shutter speed is slow, more light into camera
May need to use smaller aperture or low ISO
To compensate
Or
Can use neutral density filter to reduce light



SLOW SHUTTER

MUST USE A TRIPOD

Unless you want to have a fully blurred image





SLOW SHUTTER

Best results are obtained in lower light situations



SLOW SHUTTER

Suggestions:

Try rocks in moving water around dawn or dusk

Try taking inside shots without flash

Try night shots of moving lights

Try people or objects moving while camera is still

SLOW SHUTTER

You may need to experiment with settings
You may need to focus manually if the camera will not autofocus
And you will need to take the camera off AUTO



SLOW SHUTTER

Have fun!!!

