Photography Tip

November 23 ©

Camera & Tripod Thread Sizes & Quick Release Plates

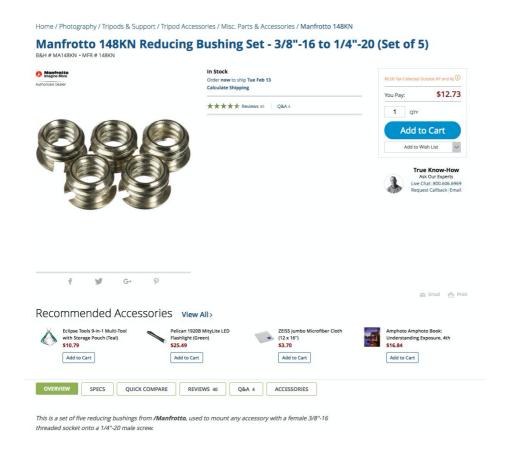
Most consumer **cameras** (Nikon Canon Fuji Sony etc) are fitted with 1/4-20 UNC threads.

Larger, Medium format and large format professional **cameras** and lenses may be fitted with 3/8-16 UNC threads.

What size is a tripod head screw?

A common standard for base mounts on photographic tripod equipment is a 1/4-20 screw on the tripod (a screw that is **1/4 inches** in diameter, with 20 threads per inch) and a matching receptacle on the camera base.

Below the Manfrotto 148KN is screwed on top of a 1/4" thread to allow cameras that take a 3/8" from B&H in USD.





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I highly recommend using a quick release system for attaching your camera to a tripod or camera stand. This allows you to attach and detach the camera to and from the tripod in seconds with ease.

The most commonly used systems used in the industry are

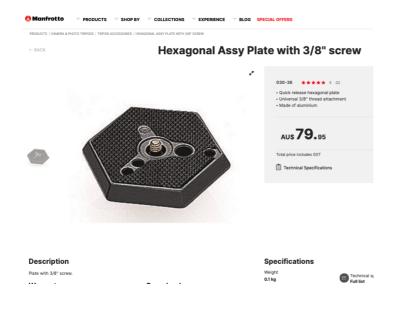
- Manfrotto rectangular 200PL (DSLR)
- Manfrotto hexagonal (hex plate) (Medium format)
- Manfrotto rounded RC4 (Large Format)
- Arca Swiss dovetail (Medium & large format)
- 3 Leggered Thing Dovetail (DSLR)
- Linhof QuickFix 1 (Medium & large format)
- And some like Hasselblad, Cambo and other camera or tripod manufacturers have specifically designed systems for only their cameras.

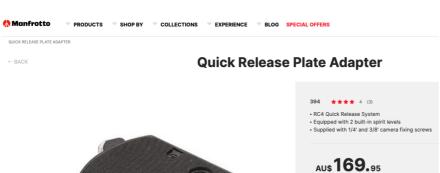
A plate is usually screwed onto the bottom of your camera either by screw or allen key and left on. This then engages with the correct recepticle on top of the tripod head. Generally as the camera weight increases then usually a more stable quick release is required. Most operate as a 2 stage process to avoid accidental disengagement. See the main ones listed above below.





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Description Specifications Supplied with 1/4' and 3/8' camera fixing screws. Fixing 1/4' and 3/8'; thread. 410PL plate included. Equipped with 2 built-in spirit levels. Weight Material O.28 kg Aluminium



Technical Specifications

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