

Bottoming Out

What is meant by the term "Bottoming out" ?

Bottoming out occurs when the end of a screw comes in to contact with the bottom of the tapped hole its being inserted in to.

The most common factor for "Bottoming out" to occur is using a screw longer than the specified length required OR the hole not drilled deep enough allowing for clearance.

It's not uncommon for a customer to say that they are having problems with heads shearing off without checking if the problem lies with either / or of the above.

The Following is an example of the thread depth to hole depth

EG: Screw M5 x 20m/m Thread Length

Sufficient allowance is made for the depth of the hole to allow the 20m/m long screw to be inserted preventing the screw from "Bottoming out" OR stripping the threads

