

THREAD TOLERANCE AND ENGAGEMENT PG4651/ PG2500 – M22 X 1.5 H6 THREAD

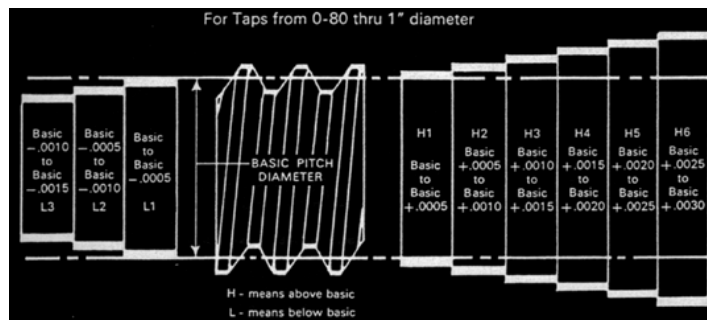
Premium Guard utilizes the most advance threading method – Rolling or Forming Thread. Roll thread offers many advantages. The main advantages are:

1. Stronger and far less likely to bind or break and are designed without flutes making them much durable
2. Cleaner - since the forming tap displaces metal, no metal chips or fragments are produced.

Please refer to the enclosed “Technical Service Bulletin 94-3R2” issued by Filter Manufacturers Council.

PG4651/ PG2500 are manufactured to the highest standards in accordance with OEM specifications. This is a common filter used primary for Ford and Chrysler/ Dodge applications. Chrysler/ Dodge applications requires a more precise thread – M22 X 1.5 H6.

H6 Thread offers 50% higher level of thread engagement when screwed to the mounting stud. Many aftermarket filters use a basic M22X 1.5 thread which has more tolerance and seems to have “quicker” installation. The diagram below, illustrates the difference. Basic Pitch provides only 50% thread engagement while H6 provides close engagement



While PG4651/ PG2500 utilize a superior thread, they require higher level of attention during installation.

Installation Tip: Position the filter’s thread on the mounting stud, turn the filter counter-clockwise ½ a turn, until it catches the 1st thread, then as you normally would, turn clockwise till the gasket makes contact with the mounting surface. Then tighten ¾ to 1 full turn.

