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## Measuring Tools

A seat angle gauge, thread pitch gauge and an I.D./O.D. caliper are necessary to make accurate measurements of commonly used connectors. Danfoss offers a unique caliper that offers the capabilities of both a caliper and a seat angle gauge in one unit.


## How to Measure

## Sealing Surface Angles

Female connections are usually measured by inserting the gauge into the connection and placing it on the sealing surface. If the centerlines of the connection and gauge are parallel, the correct angle has been determined.

Male flare type connectors are usually measured by placing the gauge on the sealing surface. If the centerlines of the connection and gauge are parallel, the correct angle has been determined.

## How to Measure Threads

Use a thread pitch gauge to determine the number of threads per inch or the distance between threads in metric connections. Place the gauge on the threads until the fit is snug. Match the measurement to the charts.

Measure the thread diam- eter with an I.D./O.D. caliper as shown. Match the mea- surements to the charts.


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