

FMS PRODUCT PICTURES & INFO

FMS Thread Inserts type 21 for measuring external pitch diameter of threads with flank angles between 55° and 80° . After zeroing the measurement result is the actual pitch diameter. Types 21AA & 21A are off-set to allow measurement of small length threads.



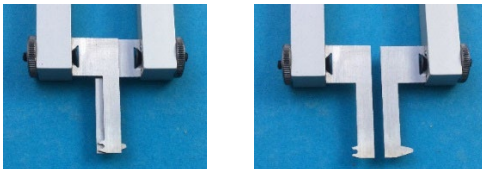
FMS Thread Inserts type 22 for measuring internal pitch diameter of threads with flank angles between 55° and 80° .

Types AA, A, B, C & D shown.



The reason these insert types can measure small diameter threads is that they overlap (shown below) after zeroing on the calibration plate.

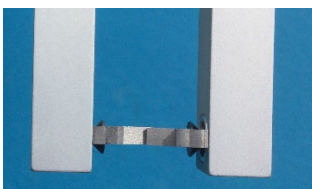
Types AA, A, B & C shown.



FMS Thread Inserts type 23 for measuring internal pitch diameter of threads with flank angles between 55° and 80° . For internal threads over $36\text{mm}/1\frac{1}{2}''$



1mm thick



Insert type 21 mounted

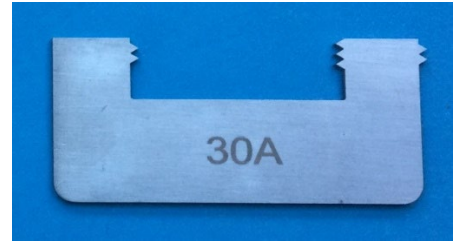


Insert type 21 mounted



Insert type 23 mounted

Calibration plate 30A is necessary for tapered thread measurement.

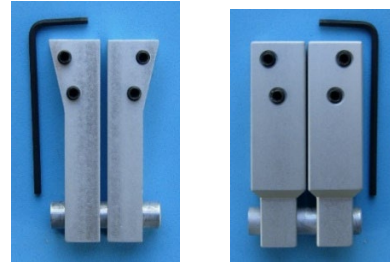


FMS thread inserts for other thread types (26, 27 & 28) are basically the same as for types 21, 22 and 23 but have of course another profile.

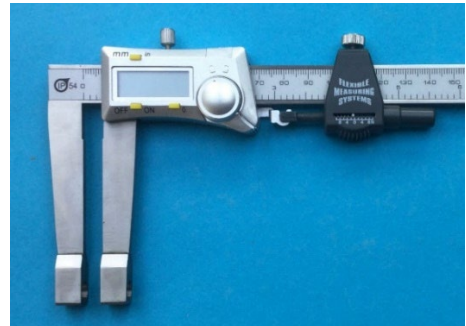
The 2 most common calibration plates are 30A & 30AB. Calibration plates for other thread types (Tr, ASME, Buttress etc.) are similar.

To see more on calibration plates see link below.

https://fms-dk.com/wp-content/uploads/pdf/FMS_calibration_plates.pdf



Insert holders 10A & 11A



FMS digital caliper MT203 with 2-way pressure device. This caliper can measure external threads up to $150\text{mm}/6''$ and internal up to $175\text{mm}/7''$.



200mm/8" Digital Caliper DC200 with 2-way pressure device With insert holders (10A) mounted this caliper can measure external threads up to $150\text{mm}/6''$ and internal up to $175\text{mm}/7''$.

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