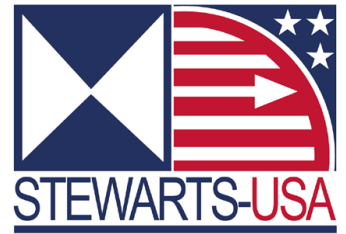


HIGH TOLERANCE NPT THREAD

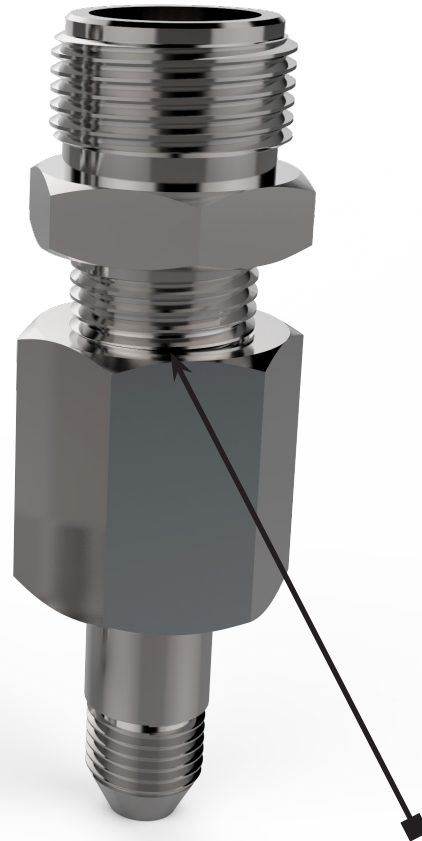
STEWARTS – High Tolerance NPT Thread



Note:- Graphic is an illustration only.

STEWARTS High Tolerance Thread
NPT Thread

Standard ANSI/ASME B1.20.1
NPT Thread



NPT Engagement using
STEWARTS High Tolerance Thread
NPT Connection has
5-6 threads engaged
when fully tightened

NPT Engagement using
ANSI/ASME B1.20.1
Thread Standard
NPT Connection has
3-4 threads engaged
when fully tightened

Using current tapered thread standards it is possible to produce male & female NPT/BSPT threads within tolerance which will not provide sufficient thread engagement to make a safe joint.

This situation can be brought about by producing male threads at the plus end of the tolerance and the female at the minus end.

We have therefore decided that all tapered threads produced by Stewart-Buchanan Gauges will be made to our High Tolerance Thread, making a safe joint.

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