

Screw thread sample design for tensile loading on ENGIN-X:

Shown below is the standard design for M12 screw-threaded samples. This is the same design as for the tensile/compressive grips. Other sizes of screw threaded samples can also be used: follow the basic diagram below, but adjust the gauge and shoulder diameters according to the following table. For high temperature measurements, an M12 screw thread has to be used.

Screw thread on shoulder	Gauge diameter (mm)
M12	8
M10	6
M6	4

