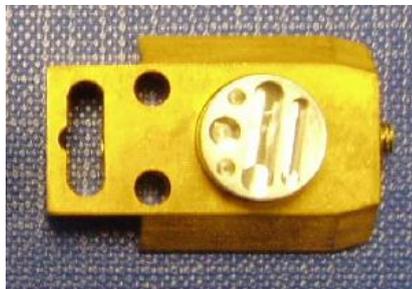


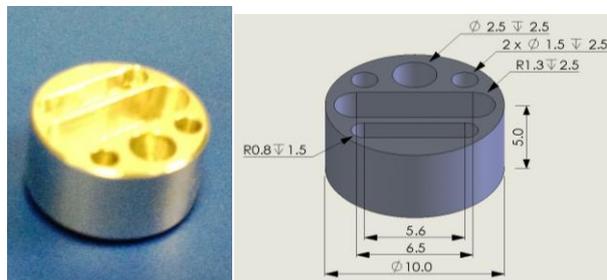
PP3000T/PP3010T shuttles and stubs

There are many styles of shuttles and stubs available for the PP3000T and PP3010T. Specific holders can be designed on request.



AL200077B

Specimen shuttle (with 11541 universal stub).
Supplied as standard



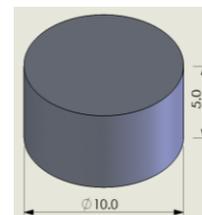
11541-5

Universal cryo stubs (multi-stub). 10mm diameter x 5mm high. Packet of five



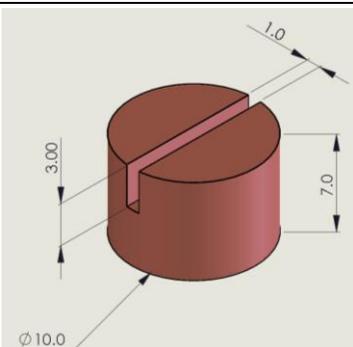
E7449-5

Universal cryo stubs (multi-stub). 10mm diameter x 7.5mm high. Packet of five



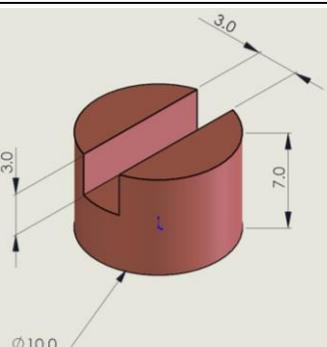
Blank specimen stub (5mm high).

E7402 = aluminium **E7403** = copper
(Packet of 10)



E7407

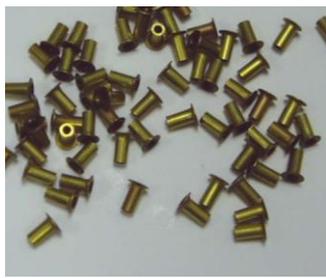
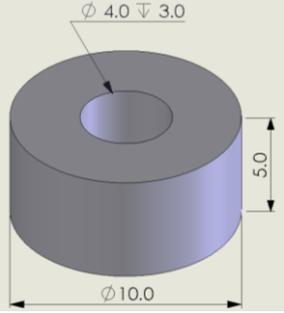
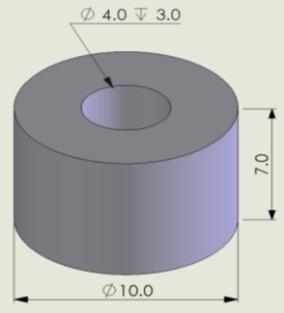
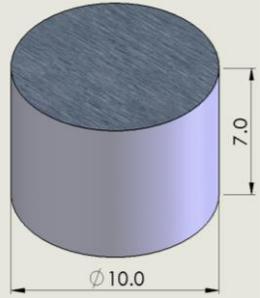
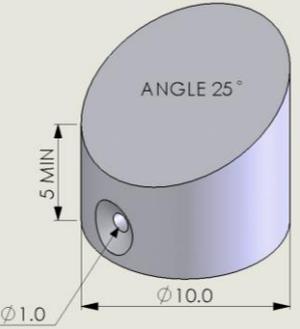
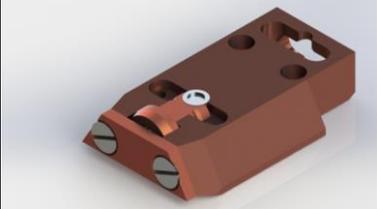
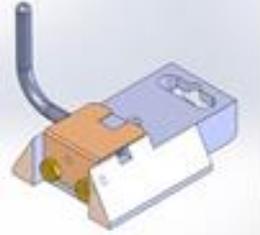
Copper stub with 1mm wide x 3mm deep slot.
Packet of 5



E7406

Copper stub with 3mm wide x 3mm deep slot.
Packet of 5

PP3000T/PP3010T shuttles and stubs

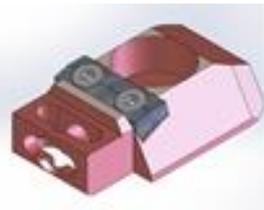
| | |
|---|---|
|  <p>E7405 Clamping stub. Useful for flat, hard specimens. Clamping can be from both sides (as above) or by from one side only (by removing one clamp)</p> |  <p>328116510 Freezing rivets for liquids. If mounted raised from the specimen stub can give faster freezing. Can be used singularly (with the liquid placed as a drop on the top) or as two face to face (held together by glue or wax or for more viscous liquids by surface tension. Packet of 100)</p> |
|  <p>E7447 5mm high stub with single hole (4mm \varnothing x 5mm)</p> |  <p>E7448 5mm high stub with single hole (4mm \varnothing x 5mm)</p> |
|  <p>12442 7mm high stub with roughen surface</p> |  <p>10694 Angled stub</p> |
|  <p>13054 Shuttle for high pressure freezer "top hat" (3mm) specimen holders. Can also be used to clamp small flat specimens.</p> |  <p>10245 Shuttle for Balzer-style freeze-fracture specimen planchettes. Can also be used to clamp small flat specimens</p> |

PP3000T/PP3010T shuttles and stubs



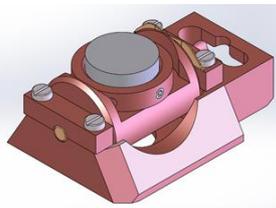
20530

Rivet shuttle (bayonet fitting)



20529

Shuttle for 10mm stub (shown with E7433 rivet stub). Bayonet fitting



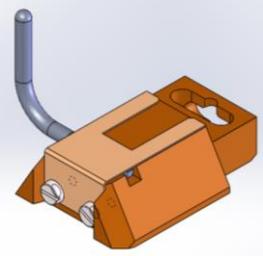
13419

Tilt-rotate shuttle. Tilt and rotation can be altered on the preparation chamber cold stage using system knife/probe.



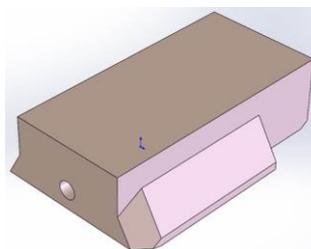
12434

Blank shuttle. Useful for large or multiple specimens. Can be tailored by the user for specific specimens



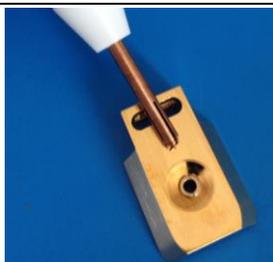
12013

For clamping, larger flat specimens (handle removed after loading specimen). Useful for loading pre-frozen specimens



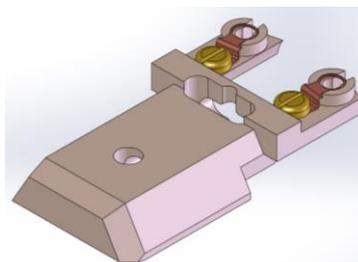
20718

Extended length blank shuttle. Useful for large or flat specimens (e.g. plant leaves). Can be tailored by the user for specific specimens



13359

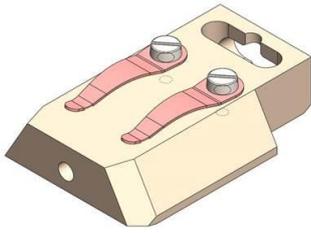
STEM shuttle for 3mm grid. For STEM detectors mounted below the SEM cold stage. (Shown with grid locating tool).



11477

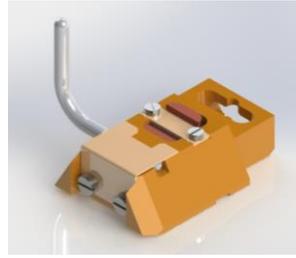
Zeiss STEM shuttle for two 3mm grids. Note: for use with side-entry Zeiss STEM detectors only.

PP3000T/PP3010T shuttles and stubs



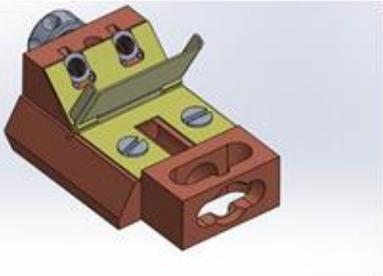
20720

Shuttle for large, flat specimens (with light microscope style stage clips)



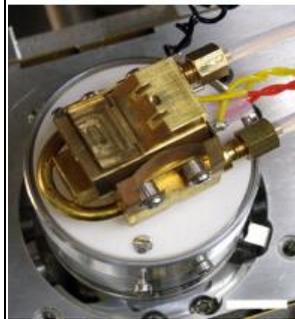
13524

Shuttle for clamping hard, flat specimens. Suitable for flat specimens (front of shuttle shown with clamp lever) and cross-fracturing (sprung-loaded vice).



12406

Shuttle to hold two TEM autogrids™ for cryo-FIB/SEM applications. Includes cold shield (shutter) which is closed during transfer and then opened once in the microscope by briefly inverting the shuttle. autogrids™ not supplied



12406 shown mounted on the PP3000T /PP3010T cold stage.

