

Application Note

TENSILE, COMPRESSION, IMPACT, MELT FLOW, BRINELL, SHEAR, STRETCH RECOVERY, PUNCTURE, HEAT DISTORTION (VICAT), BEND/FLEXURE, SEAM STRENGTH, TORSION

Examples of Tinius Olsen Test Equipment attachments for Zip/Button/Embellishment Testing

Test equipment from Tinius Olsen can be used for mechanically testing many different types of products to the highest standards. Examples below can be seen for typical tests performed by manufacturers of zippers, buttons and other textile embellishments. Additional tests, not shown, can also be performed, consult factory for further information (specific examples of zipper testing include ASTM D2061, BS3084, DIN3419 and others....)

Examples of Tinius Olsen Attachments for BS3084

Test1 - Puller Attachment, See photo 1, Requires attachment S415

Test2 - Closed End Test, See photo 4, Requires 2 off attachment S411 (lower grip in photo)

Test3 - Top Stop Test, See tests1 & 2, Requires upper attachment from photo 1 & vice attachment from test 2 (upper grip in photo 4)

Test4 - Open end fastner box test, See photo 4, Requires S411 (lower grip) & S412 (upper grip)

Test6 - Lateral Strength Test, See photo 6, Requires S413 (upper and lower grip)

Test7 - Lateral Strength Open end, See photo 7, Requires S414 (upper and lower grip)



Photo 1 (S415)
Puller Attachment
Drg No. S415



Photo 4 (S411 & S412)
Open End Fastener Box Test
Drg No. S411 & S412



Photo 6 (S413)
Lateral Strength Test
HTE Drg No. S413 (Modified HT46)



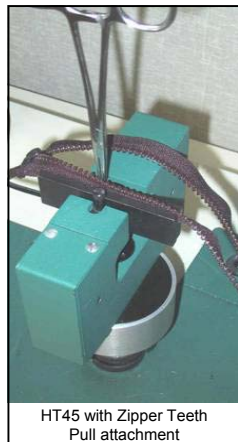
Photo 7 (S414)
Lateral Strength of Open End Test
HTE Drg No. S414

Examples of other Tinius Olsen Attachments or Zippers/Embellishments/buttons

(other attachments also available - consult factory with details)



HT 23 Zipper Test Attachment



HT45 with Zipper Teeth Pull attachment



HT 46 Zipper Test Attachment



Embellishment Testing



BS4162 Button Break Tests

TINIUS OLSEN