

ASTM F519 Testing Fixture

SPLIT COLLAR GRIPS

Since they have enlarged ends and reduced central cross sections, Split collar grips are typically used to tensile test round bar specimens. To aid in minimizing induced bending in the specimen, can be built spherical seats.

There are a wide variety of specimen sizes and configurations in use. Exists another pair of split collar grips, with specimen contact surfaces contoured to match the 1/8" radiused shoulders of the specimen ends.

Source of Additional Information:

ASTM Standard F 519-13 (2013), "Standard Test Method for Mechanical Hydrogen Embrittlement Evaluation of Plating Processes and Service Environments," American Society for Testing and Materials, West Conshohocken, Pennsylvania (first published in 1997).