

FOR TABER ABRASER MODEL 1700 / 1750

Taber® Specimen Mounting

The specimen holder (SH-125) provided with the Taber Abraser Model 1700 / 1750 will accommodate most rigid materials less than 6.5 mm thick. When used with the specimen hold-down ring (SH-101), flexible materials can be secured to the periphery of the holder to prevent the vacuum from lifting the specimen during the test. To expand the versatility of the Taber Abraser Model 1700 / 1750, interchangeable specimen holders and mounting options are available to evaluate materials not easily tested with the standard specimen holder. All specimen holders are engineered with an innovative design that allows quick mounting and removal from the motor shaft. This enables the holder to be removed from the instrument so specimens can be inspected more closely.

- SOLUTIONS FOR RIGID AND FLEXIBLE SPECIMENS
- PERFORM DRY OR WET TESTS
- ANODIZED FOR GREATER DURABILITY
- TEST MATERIAL THICKNESS UP TO 40 mm WITH ARM HEIGHT EXTENSION KIT



TABER ABRASER - SPECIMEN HOLDERS AND ACCESSORIES



SH-125



SH-15



SH-19



SH-26



SH-75

SH-21

SH-21

| Model | Description | Specimen Notes |
|----------|--|--|
| SH-125* | STANDARD - test most rigid or flexible specimens; includes a threaded center post with a clamp plate and nut to secure rigid materials, rubber pad (S-19) for a non-slip surface. Specimen hold-down ring (SH-101 or SH-102) recommended for testing flexible materials. | Rigid specimens - 100 mm (square or round) with 6.5mm center hole Flexible specimens - 125 mm with 6.5 mm center hole |
| SH-12* | TALL - similar to SH-125, but sits 6.5 mm higher | Flexible specimens - 135 mm diameter with 6.5 mm center hole |
| SH-15* | TEXTILE, TENSIONING TYPE - similar to SH-125, but includes a raised wear track to provide extra tensioning to the material when the clamp plate is tightened in the center recess and hold down ring is drawn down over the edge of the holder. Includes SH-101 hold-down ring. | Flexible specimens - 135 mm diameter with 6.5 mm center hole |
| SH-19* | DRIVE-PIN TYPE - use for rigid, square specimens that do not have a center-mounting hole. One corner of the specimen is positioned between two pins while two adjustable clamps are used to secure the specimen in place. | Rigid specimens - 100 mm square |
| SH-26* | SLIDING MOUNT - includes four adjustable mounts for testing four 50 mm square, rigid specimens | Rigid specimens - 50 mm square with one corner trimmed |
| SH-75* | RIMMED - includes a 7.5 mm raised rim to retain liquids, allowing you to determine the effect of absorbed or surface moisture on a material's resistance to abrasion. A rubber pad (S-19) prevents specimens from slipping during the test. | Rigid specimens - 100 mm (square) or 140 mm (round) with 6.5 mm center hole |
| SH-101 | SPECIMEN HOLD DOWN RING "A" (108 mm ID) - for flexible materials. Use with SH-125 or SH-12 specimen holder. | Flexible specimens - up to 0.8 mm thick |
| SH-102 | SPECIMEN HOLD DOWN RING "B" (110 mm ID) - for flexible materials. Use with SH-125 specimen holder. | Flexible specimens - up to 1.5 mm thick |
| S-21 | EXTENSION NUT - use with SH-125 or when sample thickness is 6.5 mm to 12.5 mm. | Rigid specimens - 100 mm (square or round) with 9.5 mm center hole |
| S-23 | CLAMP PLATE (32 mm diameter) - use in conjunction with Scuffing Head Attachment when testing carpeting and other floor covering materials to prevent crushing of specimen fibers near the wear path. | |
| 1700-40* | ARM HEIGHT EXTENSION KIT - accommodates specimen thickness up to 40 mm by raising the position of the abraser arms. A set of 6 shims is included to ensure the correct abraser arm alignment, and positioning of the abrasive wheels. | Rigid specimens - 100 mm (square or round) with 13 mm center hole |

*Intended for use with Taber Rotary Platform Abraser Models 1700 or 1750. Specimen holders are available for older style Taber Abrasers. Contact Taber Industries for additional information.

TABER ABRASER - MOUNTING CARDS / SHEETS

| Model | Description |
|--------|---|
| S-36 | MOUNTING CARD (108 mm SQUARE) - made from rigid card stock, coated on one side with pressure sensitive adhesive to affix to the specimen; a test record form is printed on the backside for permanent record of the test. Useful for testing flexible specimens that may wrinkle, stretch or bunch. |
| S-36-1 | MOUNTING CARD (108 mm ROUND) - similar to S-36, but round. |
| S-37 | MOUNTING SHEET (108 mm SQUARE) - coated on both sides with pressure sensitive adhesive. One side can be used to affix to the specimen and the other to provide a non-slip attachment of the specimen to the specimen holder; a test record printed on both sides enabling them to be used as a mounting card. Useful for testing materials difficult to drill a center hole (such as glass or ceramics). |
| S-37-1 | MOUNTING SHEET (ROUND) - similar to S-37, but round. |



S-36 / S-36-1