



# Taber® Abrading Wheels

## Wear and Abrasion Testing

### Calibrase® Wheels - with 'Easy Glide' wheel hub

<b>CS-10F</b>	Has milder abrading action than the CS-10 wheel. Used primarily with transparent materials to evaluate hazing.	<i>Do not exceed 500g load</i>
<b>CS-10</b>	Mild – medium abrading action, like that of normal handling, cleaning or polishing. Popular wheel for coatings, plastics, textiles, leather, and paper products.	
<b>CS-10P</b>	Intended for testing paper and paper products.	
<b>CS-10W</b>	Same as CS-10, but white. No color transfer from wheel to specimen.	
<b>CS-17</b>	Produces a harsher abrasion than the CS-10 wheel. Useful for testing ceramics, plastics, and anodized aluminum.	

Reface with S-11 Refacing Disc except CS-10F use ST-11 Refacing Stone  
 Use before expiration date  
 Store in original container  
 Recommended storage conditions: temperature 23°C ±2°C and relative humidity 50% ±5%



### Calibrade® Wheels

<b>H-10</b>	Designed for testing steel and other ferrous alloys.	
<b>H-18</b>	Medium abrasive properties. Recommended for leather, rubber, woven textile fabrics, coated fabrics, flexible plastic sheet, and other resilient materials.	
<b>H-22</b>	Produces a coarse abrasion. Test materials such as rubber, linoleum, leather, deep pile fabrics, and concrete.	
<b>H-38</b>	Very fine-grained wheel. Principal use is for testing woven fabrics or delicate textiles.	<i>Do not exceed 500g load, reface with multipoint tool</i>

Reface with Taber Wheel Refacer

NOTE: The wear life of Calibrase or Calibrade wheels will vary based on the load; surface texture and frictional characteristics of the material tested; and frequency of refacing. The abrasive coefficient can be altered by oil or contaminants, handle only the sides of the wheels.



### Specialty Wheels

<b>CS-5</b>	Densely compacted wool felt wheel. Principal use is in testing textile fabrics to evaluate one fibrous material rubbing against another.	<i>Do not exceed 500g load</i>
<b>S-32 (CS-0)</b>	Plain rubber wheel containing no abrasive. Used for very mild abrasive action, wet tests, and to mount S-33 or S-42 adhesive sandpaper strips.	
<b>S-35</b>	Tungsten Carbide wheel consisting of sharp 1 mm pitch x 45° spiral pitch angle, helical teeth cut in its periphery. Produces a very severe cutting and tearing action. Use only on resilient materials.	<i>Clean with solvent and stiff brush</i>
<b>S-39</b>	A leather strip mounted to the exterior of a brass hub. Use in conjunction with Grit Feeder.	<i>Minimum usable diameter is 46 mm (1<sup>13</sup>/<sub>16</sub> inch)</i>
<b>S-33</b>	Sandpaper Strip used with S-32 (CS-0) wheel. 12.7mm x 160mm, 360 FEPA, closed coat, with PSA.	
<b>S-42</b>	Sandpaper Strip used with S-32 (CS-0) wheel. 12.7mm x 160mm, 180 ANSI-CAMI, open coat, with PSA.	



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