

Scoring Wafer with Handle

(cat.# 23015)

The ceramic wafer is serrated on one side and straight-edged on the other to cleanly cut metal and fused silica tubing, respectively. Do not use the serrated edge for scoring fused silica. The scoring wafer handle is made of soft, comfortable rubber.



Instructions for Scoring Fused Silica Tubing

1. Hold the scoring wafer handle with the straight edge facing down.
2. Hold the fused silica capillary column between the thumb and index finger, with the column extending over the tip of the index finger.
3. Rapidly score the tubing with the wafer held at a 45° angle to the tubing. Only very gentle, rapid scoring motions will produce straight cuts. Excess pressure will crush the column end and result in poor chromatographic performance.
4. Point the column end down and quickly flick it with your finger. Pointing the end down prevents fused silica or polyimide particles from falling into the column. This is especially important with wider bore columns (0.53mm ID).
5. Inspect the column end for an even, square cut by holding it up to a light and rotating it a full 360°. Alternatively, use a magnifying glass (cat.# 20124) for inspecting. If the cut is uneven, re-score and re-examine the end.
6. Wipe the column end with a towel moistened with methanol to remove tubing fragments and finger oils. Always wipe away from the column inlet; wiping toward the inlet could force tubing fragments into the column.

Instructions for Scoring Metal Tubing

Follow the procedure for scoring fused silica tubing, but hold the scoring wafer with the serrated edge facing down.

Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.



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Restek USA: 110 Benner Circle, Bellefonte, PA 16823
phone: (800) 356-1688 or (814) 353-1300 • fax: (814) 353-1309; www.restekcorp.com
Restek GmbH: phone: (49) 06172 2797 0 • fax: (49) 06172 2797 77
Restek France: phone: 01 60 78 32 10 • fax: 01 60 78 70 90
Thames Restek UK Ltd.: phone: 01753 624111 • fax: 01753 624666
Restek Ireland: phone: 44 28 9081 4576 • fax: 44 28 9081 4576