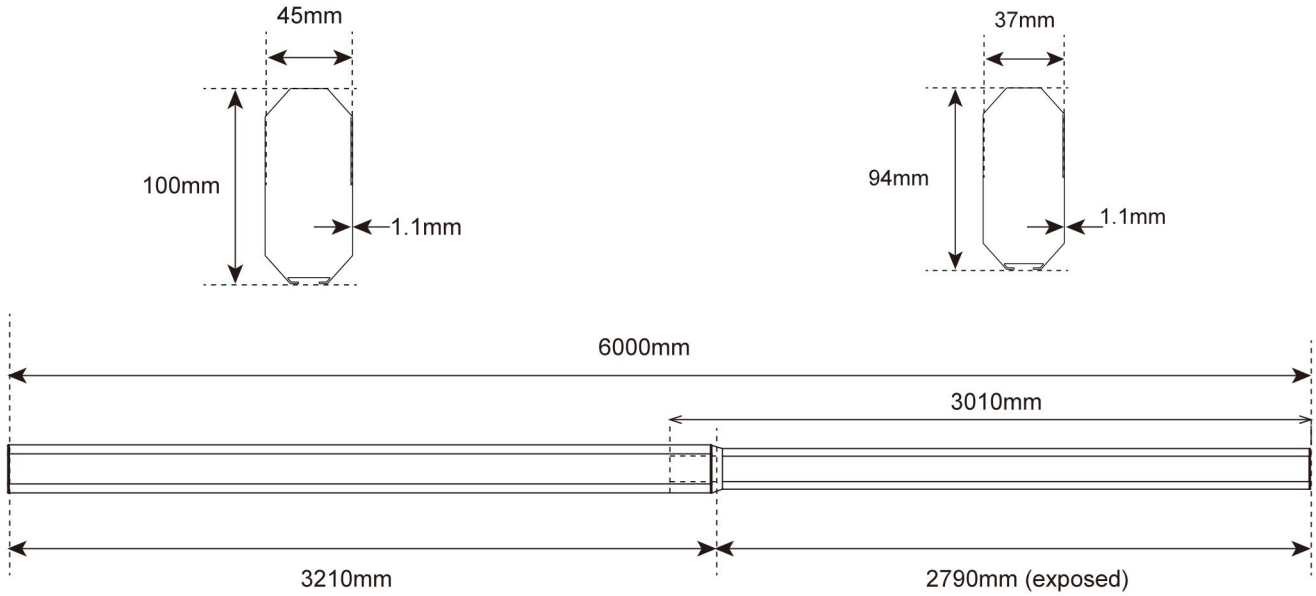
SXK-BAT01

Telescopic Barrier Arm

A manually adjustable aluminum barrier arm with nested outer and inner sections. Set the required working length on site, secure the overlap joint, and commission the barrier as a fixed-length operating assembly.





Nested octagonal profiles and end caps | White with red markings is the specified finish

Working adjustment	Full extension	Compact storage	Reference net weight
3.5 to 6.0 m	6.0 m	3.65 m	4.5 kg

Product highlights

Site adjustable reach. The inner section slides within the outer section to suit the selected working length from 3.5 to 6.0 m.

Compact for transport. The 3.65m storage length is approximately 39% shorter than the 6.0 m fully extended length.

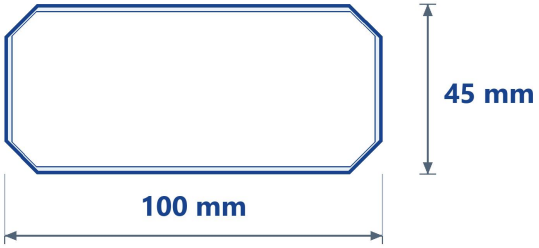
Secured operating length. Lock the overlap connection before operating the barrier; routine opening and closing use the set arm length.

Visible aluminum construction. Octagonal painted profiles carry red warning and reflective markings, with caps at the finished ends.

Dimensions and specifications

The outer and inner profiles have different nominal external sections. The compact storage length is separate from the minimum specified working length.

OCTAGONAL SECTION

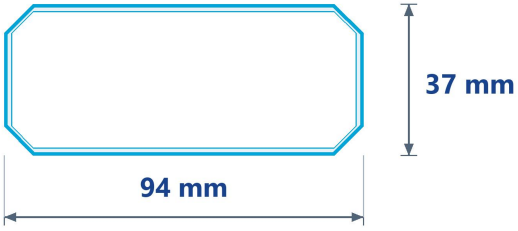


Nominal construction wall 1.2 mm

OUTER SECTION

Confirm the wall of each section on the approved drawing.

OCTAGONAL SECTION



INNER SECTION

Section fit and tolerances follow the approved drawing.



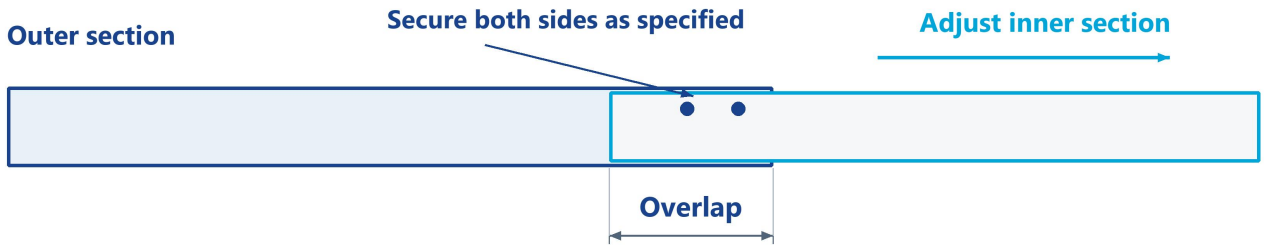
Parameter	Specification
Product type	Manually adjustable telescopic barrier arm
Construction	Reinforced aluminum alloy nested profiles
Outer profile	Octagonal; nominal external section 100 x 45 mm
Inner profile	Octagonal; nominal external section 94 x 37 mm
Nominal wall thickness	1.1 mm arm construction; confirm section-specific wall on the approved drawing
Working adjustment range	3.5 to 6.0 m
Maximum extended length	6.0 m / 6000 mm
Compact storage length	3.65 m / 3650 mm
Reference weight	Net 4.5 kg; gross 5.5 kg
Adjustment and locking	Manual sliding adjustment; secure the joint on both sides as specified
Surface and end finish	White with red warning / reflective markings; fitted end caps
Operator connection	Matched holder; mounting pattern follows the selected operator

Nominal dimensions in millimetres unless stated. Maintain the specified overlap and permitted working range; use the approved drawing for engagement, tolerances and fastening details.

Length setting and installation

Set the length while the barrier is safely isolated. Secure the arm before balancing the complete assembly and adjusting the operator travel limits.

MANUAL LENGTH ADJUSTMENT AND LOCKING



Maintain the specified minimum overlap. Lock the length before balancing and setting travel limits.

01 Confirm lane coverage. Choose a working length within 3.5 to 6.0 m, accounting for the holder engagement and actual lane opening.

02 Set and lock the length. Slide the inner section to the selected position while retaining the specified overlap. Secure the fixing points on both sides using the approved hardware.

03 Mount and rebalance. Fit the arm to the matched holder. Adjust the operator spring or counterbalance for the complete assembly and selected extension.

04 Commission and inspect. Set travel limits and verify full clearance and vehicle protection. Recheck the overlap joint and fixing points after any length change.

Ordering and care

Specify working length, operator and holder interface, finish and any approved accessories. Keep the sliding surfaces clean, inspect the joint for movement and replace damaged caps or markings.

Storage reduction = (6.00 - 3.65) / 6.00 x 100 = 39%. The arm remains locked at the selected length during normal barrier operation.

Thinkpark Technology Co., Ltd | tom@autobarriergate.com sales@sxkchina.com

Specifications are subject to change without notice. Please confirm final configuration and certifications with our sales team before ordering.