

PARKING & FACILITY · TECHNICAL DOCUMENT

Bollards, fixed & removable

The bollard stands to keep vehicles outside a given line, separating pedestrian space physically from traffic. A fixed bollard draws its strength from the concrete mass around it; a removable bollard seats in an in-ground socket and lifts out with a key. It is upright, durable and removable when needed. A reflective band marks the bollard in headlight at night. The bollard is used at pedestrian zone entries, in front of shopfronts and buildings, at service road mouths and on car park boundaries.

TECHNICAL SUMMARY

Height	9–120 cm
Steel tube class	Ø76×750 mm · 2 mm wall · 130 mm base (market)
Base / diameter	Ø 110 · Ø 200 mm · 20×20 · 25×25 cm
Material	Steel · polyethylene · polypropylene · TPU
Weight	0.9–8.3 kg
Type	Fixed · removable socket · flexible

Values are production-programme and market-standard ranges; final dimensions are given in writing with the quotation.

WHERE IT IS USED

- Pedestrian zone entry. The bollard cuts vehicle entry while leaving pedestrians and cycles through.
- Shopfront and facade. The bollard draws a physical limit in front of the glazing and the entrance and deters manoeuvring errors — it is not a tested vehicle-arresting barrier.
- Service road mouth. The removable bollard allows access during service hours; the socket is capped when empty.
- Car park boundary. The bollard keeps pedestrian islands and planting free of vehicles.

STANDARDS AND DOCUMENT LANGUAGE

Manufactured to the order specification in the Turkish market; the governing document is stated in writing at quotation. A crash-rated bollard is a different product and is spoken of only with a test report; the bollard on this page is a demarcation and guidance product. Test results and certificates are shared with the report and the document.