



SHOCK ABSORBING BOLLARDS

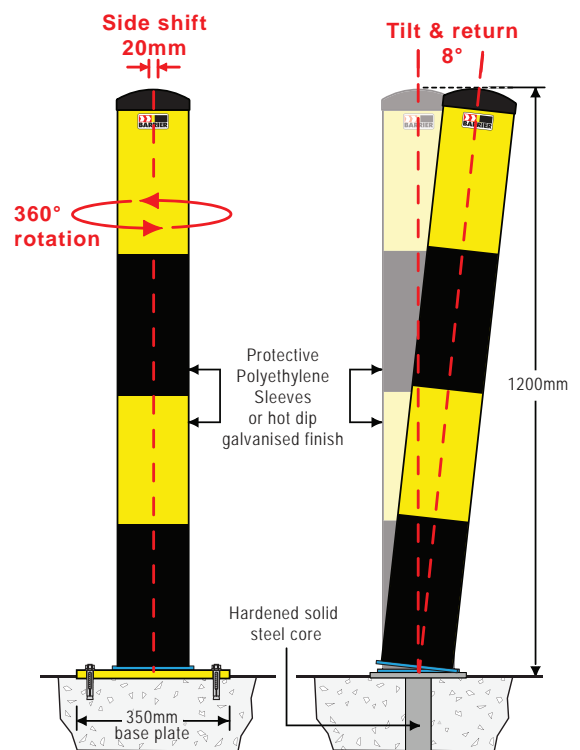
140mm Heavy Duty

Features:

- Suitable for industrial and commercial applications for asset protection from slow moving heavy vehicles.
- Ideal for factories and warehouses.
- Minimises damage by absorbing repeated low speed impacts.
- Can move in three directions simultaneously to absorb impact and return to original position.
- Surface mount or core drilled models available.
- Reduces damage to floors caused when rigid bollards are pulled from their mountings.

Material:	Mild steel.
Finish:	HDG with polyethylene sleeves (PE).
Casing size:	140mm dia. x 1200mm high x 5mm wall.
Shaft size:	50mm solid steel Grade K1045.
Weight:	33kgs (approx.)
Installation:	Surface mount or Core drilled.

Our shock absorbing bollards can move in three directions simultaneously to absorb impact and return to original position.



PART No.	DESCRIPTION
SAB140-CD	140mm dia. shock absorbing bollard – Core drilled
SAB140-SM	140mm dia. shock absorbing bollard – Surface mount

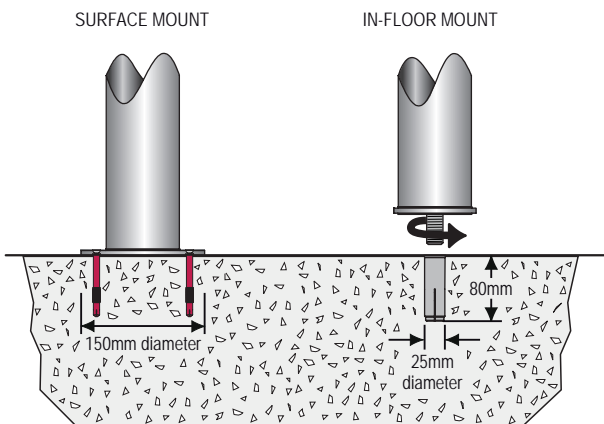


SHOCK ABSORBING BOLLARDS 90mm Medium Duty

Features:

- Suitable for retail and warehouse applications where protection is required from trolleys or hand trucks.
- Ideal for supermarkets and airports.
- Minimises damage by absorbing repeated low speed impacts.
- Can move in three directions simultaneously to absorb impact and return to original position.
- Surface mount or in-floor models available.
- In-floor model includes NK80-FS knock-in sleeve.
- Reduces damage to floors caused when rigid bollards are pulled from their mountings.

Material:	316 grade stainless steel (S/S).
Finish:	Satin finish (No.4).
Casing size:	90mm dia. x 900mm high x 3.05mm wall.
Shaft size:	20mm solid stainless steel.
Weight:	12kgs (approx.)
Installation:	Surface mount (fixings included). In-floor NK80-FS (included).



PART No.	DESCRIPTION
SAB90SS-IF	90mm dia. shock absorbing bollard – In-floor (with NK80-FS)
SAB90SS-SM	90mm dia. shock absorbing bollard – Surface mount
NK80-FS	Additional knock-in floor sleeve with cap

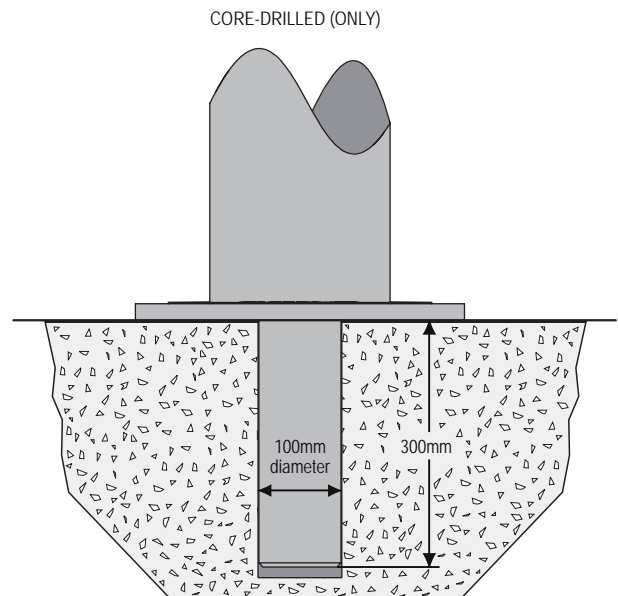


SHOCK ABSORBING BOLLARDS 220mm Extra Heavy Duty

Features:

- Suitable for heavy duty industrial applications for asset protection from heavy/large slow moving vehicles.
- Ideal for warehouses, airports and transport depots.
- Minimises damage by absorbing repeated low speed impacts.
- Can move in three directions simultaneously to absorb impact and return to original position.
- Reduces damage to floors caused when rigid bollards are pulled from their mountings.

Material:	Mild steel.
Finish:	Hot dip galvanised (HDG).
Casing size:	220mm dia. x 1300mm high x 6.4mm wall.
Shaft size:	100mm solid steel Grade K1045.
Weight:	120kgs (approx.)
Installation:	Core drilled only.



PART No.	DESCRIPTION
SAB220-CD	220mm dia. shock absorbing bollard – Core drilled