



- Indoor use
- High quality steel tube
- Available in various lengths
- Individual elements or continuous length installations
- Integrated cable/hose conduit



BLACK BULL Raised Collision Protection Bars



This innovative Collision Protection system is ideal for separating traffic lanes and for protecting personnel, work areas, equipment and machinery etc.

The **BLACK BULL Raised Collision Bars** are manufactured in high quality thick walled steel tubes which are welded to metal uprights. These are then welded onto solid steel base plates 10mm thick. All metal work is powder coated yellow with black moulded plastic plugs inserted in the tube ends.

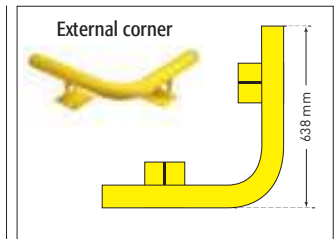
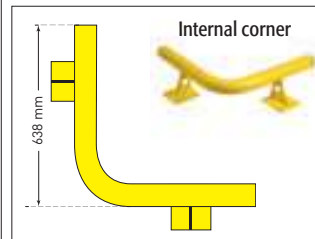
The Collision Bars are available in standard lengths which can, if required, be made into longer continuous lengths by means of connecting adapters. Please advise at time of ordering.

BLACK BULL Raised Collision Bars are secured to the floor with rawl plug bolts or through bolts. (Supplied separately).

A 50 mm Ø hole is drilled into each upright which provides a conduit for cables/airlines etc. up to 48 mm Ø.

Specification:

- Diameter: 76 mm Ø
- Wall thickness: 3 mm
- O/all height: 200 mm
- Base plate: 160 x 140 x 10 mm
- Finish: Powder coated
- Colour: Yellow



Description	Number of bolts required	Dimensions (mm) H x L	Delivery weight (kg/ea.)	Reference
Raised Collision Bars	8	200 x 1,000 x 160	12.5	202.29.766
		200 x 1,500 x 160	15	202.24.306
	12	200 x 2,000 x 160	20.5	202.27.522
Corner element	External corner	200 x 638 x 638	12.5	202.27.943
	Internal corner			202.24.284
Connecting Adapter			0.5	202.29.983
End cap, black			0.1	202.20.854
Surface fixing bolt S12			0.2	109.17.393
Throughbolt anchor			0.3	109.24.665