



- For Indoor use only
- High quality steel
- Easily and quickly installed
- Low profile design
- Highly visible yellow and black marking

### **BLACK BULL** Collision Protection Bars



**BLACK BULL** Collision Protection Bars provide low cost protection for plant and machinery from forklift trucks, roller containers, trolleys, pallet trucks etc. Additionally they can be used to protect shelving and wall mounted equipment such as instruments, switch cabinets, first aid equipment etc. Due to their low profile they allow easy pedestrian access to protected areas.

Manufactured from high quality seamless steel tube with 45° tapered ends and strong fixing plates 10mm thick.

#### **Specifications:**

76 mm Ø  
3 mm wall thickness  
Base plate: 130 x 70 x 10 mm

#### **Finish:**

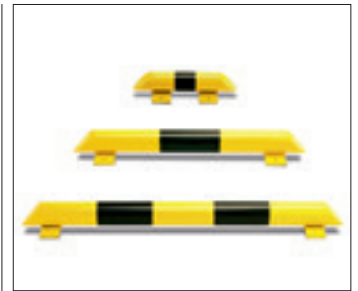
Powder coated yellow with black bands.

Also available is a corner protection guard to the same high standards as the Collision Bars above.

#### **Note:**

We can supply special lengths and versions for root-fixing on request.

4 fixings required per straight bar.  
6 fixings required per corner bar.



Description	Fixing bolts required per protector	Height/length (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
<b>Collision Protection Bars</b>	4	86 x 400	5	199.13.478	1 / 2 days
		86 x 800	7.5	199.19.220	
		86 x 1,200	10	199.14.143	
<b>Corner Collision Protection Bars</b>	6	86 x 638 x 638	11	199.22.677	5 / 10 days
Through bolt anchor			0.3	109.24.665	1 / 2 days
Surface fixing bolt S12			0.2	109.17.393	