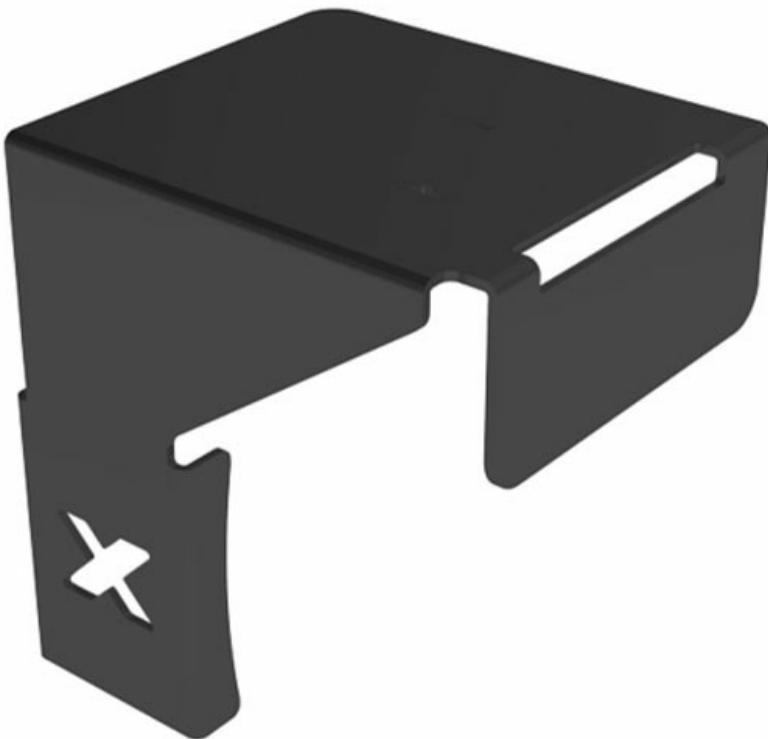




Est 1990

# Drilling template

Our Drilling Template for the X-Protect range is specifically designed to uphold the integrity of your safety measures. Crafted with precision and user convenience in mind, this tool streamlines the customization process, making it effortless to adjust product lengths to your specific needs without compromising on safety or performance. This tool is to be used primarily on the configurations of Impact barrier and Pedestrian barriers.



The Drilling Template is engineered to guarantee that holes for the connection pins are accurately placed every time. This meticulous attention to detail ensures that the barriers retain their full protective capabilities after adjustment, offering peace of mind in the consistency and reliability of your safety infrastructure. With this innovative tool, the risk of misaligned components and the potential for compromised barrier integrity is eliminated, upholding the standards of workplace safety.

Efficiency in installation and adjustment processes is also significantly enhanced. By simplifying the task of cutting the barriers to the required length, the Drilling Template not only saves time but also reduces labor costs and minimizes room for error. Its intuitive design means it can be easily used on site, ensuring a swift and accurate adjustment process that keeps your project on schedule without sacrificing safety.

# Models

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## ARTICLES / DESCRIPTION



### RC-DRILL

Drilling template and drill bit kit

## X-Protect components

These are the building blocks of our modular Impact Protection range.

### BARRIERS & RAILS

#### Hand Rails



Width x Height:

68 x 72 mm | 2 11/16" x 2 27/32"

Length:

270 - 1770 mm | 10 5/8" - 69 11/16"

#### Impact Barriers



Width x Height:

116 x 220 mm | 4 9/16" x 8 21/32"

Length:

270 - 2770 mm | 10 5/8" - 109 1/16"

### POSTS & BOLLARDS



#### Classic

4 connection sides

Width:  
200 mm  
7 7/8"

Height:  
350 -  
1160 mm  
13 13/16" -  
45 11/16"



#### Essential

2 connection sides

Width:  
132 mm  
5 3/16"

Height:  
620 -  
1170 mm  
24 7/16" -  
46 1/16"



## X-Protect Standard Configurations

+ the highest impact energy (J) they are capable of withstanding\*

\* The highest force depends on the C-C. More information is available upon request.



1 5250 J



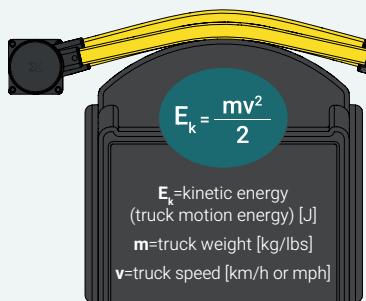
2 4500 J



3 6200 J



4 7700 J



$E_k = \frac{mv^2}{2}$   
E<sub>k</sub>=kinetic energy  
(truck motion energy) [J]  
m=truck weight [kg/lbs]  
v=truck speed [km/h or mph]

## Impact testing

This is how we calculate the energy from a vehicle impact.



Loaded weight  
**3600 kg /  
7930 lbs**



Loaded weight  
**2700 kg /  
5940 lbs**



Loaded weight  
**2100 kg /  
4620 lbs**

Speed	Load
6 km/h   3.7 mph	5020 J
8 km/h   5 mph	8880 J
12 km/h   7.5 mph	19960 J

Speed	Load
6 km/h   3.7 mph	3770 J
8 km/h   5 mph	6660 J
12 km/h   7.5 mph	14970 J

Speed	Load
6 km/h   3.7 mph	2930 J
8 km/h   5 mph	5180 J
12 km/h   7.5 mph	11670 J

### Component Colours

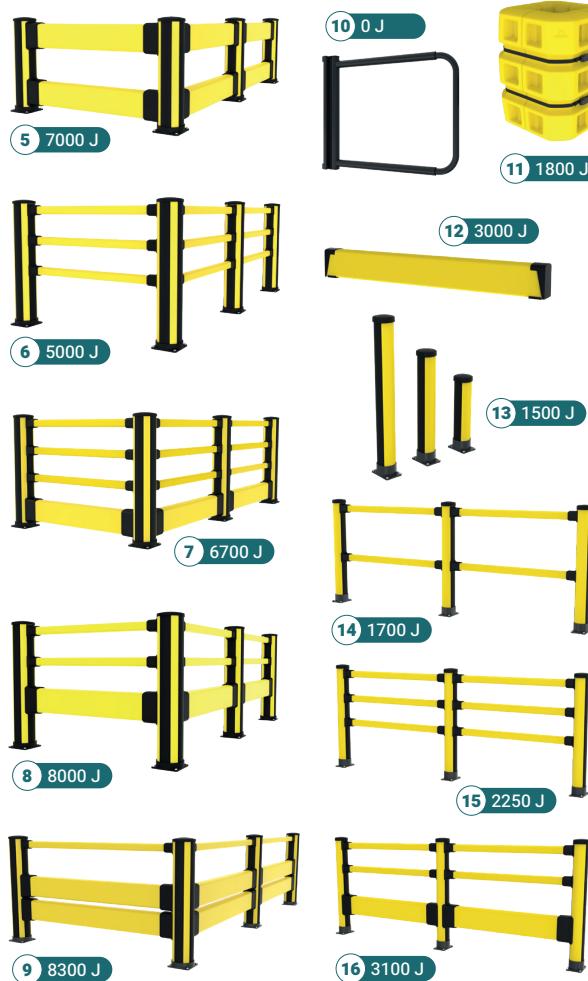
Yellow RAL 1018 Black RAL 9011

### Operating temperature

-10°C → 40°C



1. Bollards
2. Impact
3. Impact High
4. Double Impact Low
5. Double Impact High
6. Pedestrian
7. Pedestrian + Impact
8. Pedestrian + Impact High
9. Pedestrian + Double Impact
10. Pedestrian Gate
11. Column Guard
12. Floor Barrier\*
13. Essential Bollards
14. Essential Pedestrian 2 rail
15. Essential Pedestrian
16. Essential Pedestrian + Impact High



\* The Floor Barrier can be used in combination with configurations:  
3, 6, 8 & 9