	CO-ORDINATION OF NOTIFIED BODIES **PPE Regulation 2016/425** **RECOMMENDATION FOR USE**	PPE-R/01.014 Version 02

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Question related to ☐ PPE Regulation ☐ PPE Guidelines ☒ EN/prEN: Various ☐ Other:

Article: Annex: Clause:

Key words:

Penetration test block, radius

Question:

What is the correct radius for the penetration test block?

Solution:

The radius should be 65mm.

For all standards except EN 1384:2017, the tolerance on the radius should be ±1mm.

Reason:

EN 1384:2017, EN 12492:2012 and EN 13087-3:2000 are standards that include specifications for a penetration test block.

(EN 13087-3 is referred to by EN 443:2008, EN 1077:2007 and EN 14052:2012+A1:2012 without additional details of the test block specification).

EN 1384:2017 clause 5.8.3 refers to EN 13087-3 but clarifies the test block as having a radius of (65 ± 5)mm.

EN 12492:2012 includes a figure showing a block of radius 66.5mm with a diameter of 165mm. These dimensions are incompatible.

EN 13087-3:2000 figure 1 shows the radius of the test block as 65mm, but the diameter as 160mm. These dimensions are incompatible.

Either of the diameters stated would give a circumference larger than 495mm. The radius of 65mm would give a diameter that would permit the relevant sizes of helmet to be fitted and allow movement to test different positions.