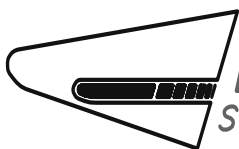


## QUADGUARD<sup>®</sup> c.z. SYSTEM ON A PLATE



ENERGY ABSORPTION  
SYSTEMS, INC.

# SCT02c

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## INTENDED USE

QuadGuard<sup>®</sup> CZ on a Plate is the standard QuadGuard<sup>®</sup> System with the monorail welded to a section of plate. The QuadGuard<sup>®</sup> CZ on a plate System shall consist of energy absorbing cartridges surrounded by a framework of steel Quad-beam<sup>™</sup> guardrail which can telescope rearward during head-on impacts. The QuadGuard<sup>®</sup> CZ on a plate System shall have a center monorail which will resist lateral movement during side angle impacts and a backup which will resist movement during head-on impacts. Lifting points are provided to reposition the system in 3 bay sections. Transitions are available and may be required depending on site conditions.

The QuadGuard<sup>®</sup> CZ on a Plate System shall be available in 3 to 9 bay lengths and nominal widths of 24" [610mm], 30" [762mm], and 36" [915mm].

The QuadGuard<sup>®</sup> CZ on a Plate System has passed the NCHRP 350 TL-3, Test # 3-39 re-directive. System is 24" [610mm] wide, 6 bay [2 sections of plate], and belt nose.

Number of bays vs. plate sections is as follows:

A **3 bay system** will use **one backup** plate section.

A **4-6 bay system** will use **one backup** plate section plus **one 3 bay** plate section.

A **7-9 bay system** will use **one backup** plate section plus **two 3 bay** plate sections.

The plate is available for 24" [610mm], 30" [762mm], and 36" [915mm] wide QuadGuard<sup>®</sup> systems. The plate size is the same for all three widths. The plate is 3/8" [9.5mm] thick, 42" [1.06m] wide, 3 bay length. The QuadGuard<sup>®</sup> CZ on a Plate is designed for work zones. The QuadGuard<sup>®</sup> CZ system will only be available on the plate in the future. Available with either plastic or belting (yellow or gray) for the nose - Must specify. Supplied with 18" [457mm] threaded rods (the right quantity for one installation).

• Non-gating	Length =	13.12' [4.0 m] (3 bay) to
• Redirecting		31.13' [9.49 m] (9 bay)
• Non-pocketing	Width =	(standard) 24" [610mm] Min
• Bidirectional or Unidirectional		(standard) 36" [916mm] Max
• Partially Reusable	Design Speed =	variable up to 72 mph [115 km/h]

**APPROVALS:** [http://safety.fhwa.dot.gov/roadway\\_dept/road\\_hardware/barriers/pdf/cc35f.pdf](http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc35f.pdf)

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## QUADGUARD<sup>®</sup> CZ ON A PLATE

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