

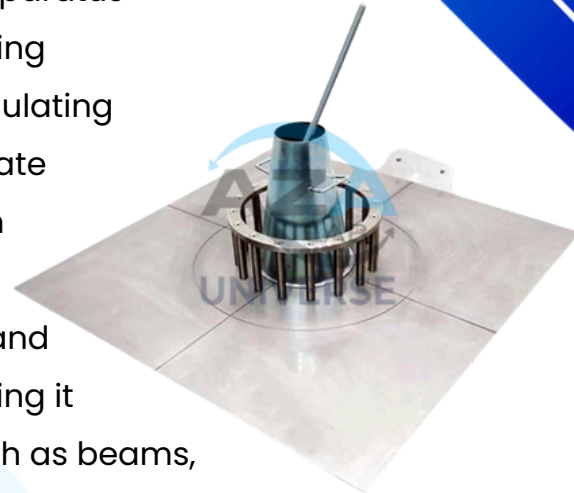


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J-RING, NARROW GAP AZA1109

The AZA1109 J-Ring – Narrow Gap is a precision testing apparatus designed to evaluate the passing ability of Self-Compacting Concrete (SCC) under highly restrictive conditions. By simulating densely congested reinforcement zones, it enables accurate assessment of how effectively fresh SCC can flow through obstructions without blocking or segregation.

The narrow gap configuration provides a more stringent and sensitive evaluation compared to standard J-Rings, making it particularly suitable for critical structural applications such as beams, columns, and shear walls with closely spaced reinforcement. Manufactured from high-quality, corrosion-resistant steel, the apparatus is built for durability, repeated usage, and consistent performance in both laboratory and field environments. It complies with ASTM C1621 and EFNARC guidelines, ensuring global acceptance in SCC testing practices.



Key Features

- Narrow Gap Design – Simulates highly congested reinforcement conditions
- High Sensitivity Testing – Detects blocking and segregation tendencies
- Standards-Compliant – Meets ASTM C1621 & EFNARC guidelines
- Multi-Parameter Evaluation – Measures flow diameter, T_{50} time, and passing ability
- Robust Construction – Durable, corrosion-resistant steel
 - Compatible Setup – Designed for use with standard slump flow cone
 - Repeatable Results – Ensures consistent and reliable testing outcomes



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TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1109
Type	J-Ring – Narrow Gap
Material	Powder-coated steel / Stainless steel
Number of Bars	16 vertical rods
Bar Diameter	18 mm
Gap Between Bars	Approx. 41 mm (narrow gap)
Standards	ASTM C1621, EFNARC Guidelines
Compatibility	Standard slump flow cone
Usage	SCC passing ability testing
Weight	Approx. 5–7 kg

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