

The ANT Civil range of valve spindle extensions incorporating lengths of 150, 225 and 300mm are suitable for operation on gate valves up to and including DN300.



Product Overview

Traditional valve extension spindles use welded or pinned metal end-pieces, which are prone to corrosion and require protective coatings. Engineered plastic spindles offer a superior alternative, resisting corrosion, eliminating coating needs, and maintaining structural integrity without weld-related weaknesses. Lightweight, cost-effective, and easy to install, they provide a safer, more reliable solution than metal components.



Approvals

- ✓ The only spindles on the market with WSAA appraisal (WSA PS 262)
- ✓ Fully compliant with AS/NZS 2638.1:2011 and AS/NZS 2638.2:2011 standards.
- ✓ Meet strict requirements for gate valves in waterworks applications.

The spindle range meets Australian Standards for load, force, and dimensional accuracy. Made in Australia, it features advanced engineered plastic composites for superior performance. Extensively tested using Finite Element Analysis (FEA) and rigorous physical trials, it ensures reliability and durability.

Each extension is secured with an M12 stainless steel bolt for firm cap retention, enhancing safety and longevity.



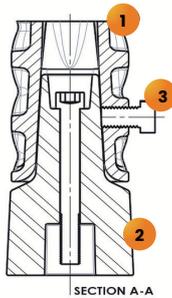
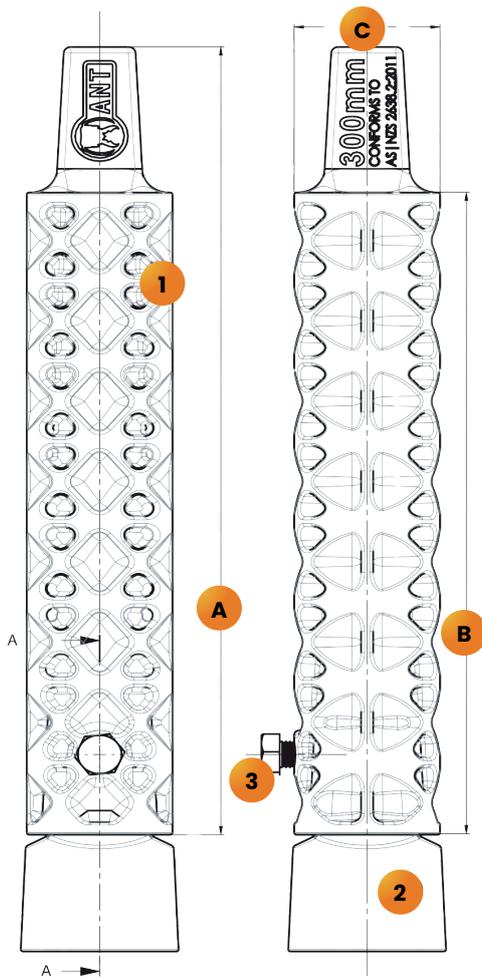
AES150
Ant Valve
Extension Spindle
150mm



AES225
Ant Valve
Extension Spindle
225mm



AES300
Ant Valve
Extension Spindle
300mm



- 1 Extension Spindle
- 2 Valve Cap
- 3 M12X20 SS316 Bolt

SPINDLE	300	225	150
Code	1013702	1013701	1013700
A Length (mm)	368m	293	218
C Diameter (mm)	60	60	60
B Effective (mm)	300	225	150
Weight(g)	845	650	451
Valve Size	DN80 - DN300		
Standards	AS/NZS 2638.1:2011 AS/NZS 2638.2:2011 WSA PS 262		
Manufacturing Process	Injection Moulding		
Material	Composite Glass Filled Thermoplastic		
Structure	Single Piece Homogenous		
Maximum Operating Temperature	100 Deg C		
Colour	Solid Black		
Maximum Operating Torque	1125Nm		

Why Choose ANT Civil Valve Spindles



Innovative Design

Engineered with advanced materials for corrosion resistance and durability, tested using Finite Element Analysis (FEA)



Precision Fit

Designed for accurate fitting with gate valves, ensuring a secure and seamless connection every time.



Customisable Lengths

Spindles can be joined together to achieve multiple lengths, offering flexibility to meet specific project requirements.



Australian Made

Proudly manufactured in Australia to meet the highest standards of quality and performance.