



Precast concrete headwalls for drainage outfall connections into open water areas including collection ponds, swales and rivers.

The strength and durability of precast concrete headwalls preserves the surrounding environment by minimising erosion at the outfall connection.

The quick positioning of precast concrete headwalls is a distinct advantage over ready mixed solutions with no on-site shuttering or formwork required. This proves ideal at difficult to reach areas and where time is limited.

## Features:

- Low maintenance.
- Cost effectiveness.
- Quick fit installation.
- Design specific solution.
- Longevity.

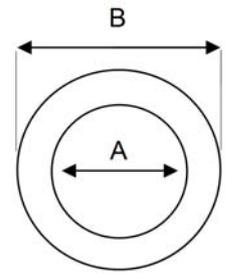
See overleaf for further information >



# Technical Data

Precast concrete headwalls can accommodate clay, concrete or plastic pipeline sizes, as follows:

Headwall Dimensions				
Size	Back Wall Height (mm - external)	'A' = Pipe Internal Diameters (mm)		'B' = Max Pipe Outer Diameter (mm)*
		PCC	Plastic Twinwall	
Small	770	Up to 300	Up to 375	435
Medium	1150	Up to 450	Up to 600	680
Large	1650	Up to 900	Up to 900	1053
Extra Large	2365	Up to 1500	Up to 1600	1820



\* Hole size supplied in headwall will be wider than pipe Outer Diameter

The tables below contain details of the current stock of hole sizes available for each size headwall based on our stock of hole formers. We recommend hole sizes to be a minimum of 20mm wider than the pipe outer diameter.

Hole Sizes																				
Hole former (mm)	190	276	299	310	360	429	449	460	495	530	595	685	720	790	855	920	960	1050	1080	1100
Small Headwall	■	■	■	■	■	■	■	■												
Medium Headwall	■	■	■	■	■	■	■	■	■	■	■	■	■							
Large Headwall	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Hole former (mm)	595	1300	1450	1480	1640	1830	1850	1930												
Extra Large Headwall	■	■	■	■	■	■	■	■												

If you require a size not listed call 0115 944 1448 or email [info@stanton-bonna.co.uk](mailto:info@stanton-bonna.co.uk) to see how we can help.

The aperture within the headwall will be sized and positioned to meet your requirements, so please contact us with your specific scheme details.

A range of accessories are available including flap valves, penstocks, safety grates (flat, hinged & cranked) and handrails. Ask us about relevant accessories to save time on site.

Lifting loops attached to cast in lifting sockets enable easy manoeuvring with standard chains.

Drawings and an installation guide are available on the website at [www.stanton-bonna.co.uk](http://www.stanton-bonna.co.uk) in Technical Guides and in the Headwalls page.



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