

## ZENITH® BOLLARD RANGE

### The industry standard for over 15 years

Since the popular introduction of stainless steel to the street furniture market in the late 1990s, Furnitubes' Zenith range has become the benchmark of quality design and manufacture. With understated styling, Zenith bollards fit well within most contemporary settings, and in stainless steel they offer a hard-wearing, low maintenance and a 100% recyclable solution for vehicular and pedestrian traffic management purposes.

The bollard range comprises 3 basic styles of product - plain, sloped top and banded - in a range of materials, sizes and finish options, including:

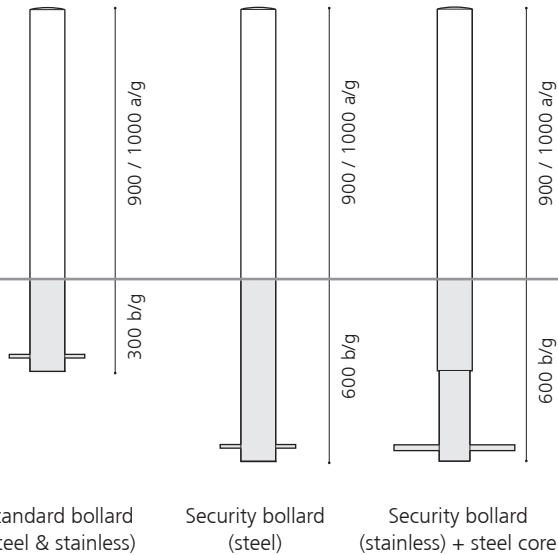
- Standard height and DDA versions
- Heavy duty security versions
- Stainless steel in grades 304 or 316 on all options
- Polished stainless steel to various finish grades
- Mild steel in galvanised finish or painted / powder coated



In addition to the extensive range of fixed bollard options, we are able to offer removable versions for situations where occasional access is required. Further adaptations available include the addition of reflective tape for improved visibility in highway and car park situations.

## ZENITH® BOLLARD RANGE

All standard Zenith bollards are available as standard in a choice of two heights - 900mm and 1000mm above ground - although other sizes are available on request. We refer to the higher options as DDA versions - 1000mm is the minimum recommended height (as set out in Disabled Access guidelines) for freestanding objects in public areas for distinction by the visually impaired. The guidelines also recommend a colour contrast on such products to further improve their visibility and we are able to offer a reflective tape in a number of colours for this purpose. Zenith security bollards are of a heavier duty construction and a greater depth below ground than standard bollards, providing a much larger concrete embedment and improved resistance to vehicular impact. Both standard and security versions of Zenith bollards can be supplied in other heights above ground and depths below ground as required for individual schemes.



**Zenith bollard standard dimensions & details**



## ZENITH® BOLLARD RANGE

### Standard bollard options

Refer to the table for individual product codes for the sizes and specifications offered as standard.

	Standard versions:		Security versions:	
A/g:	900mm	1000mm	900mm	1000mm
B/g:	300mm	300mm	600mm	600mm



#### ZENITH PLAIN

Circular bollard with shallow domed top available in stainless steel and galvanised mild steel.

Ø60mm	ZEN 706	ZEN 806	n/a	n/a
Ø76mm	ZEN 737	ZEN 837	n/a	n/a
Ø89mm	ZEN 708	ZEN 808	n/a	n/a
Ø102mm	ZEN 700	ZEN 800	n/a	n/a
Ø115mm	ZEN 701	ZEN 801	ZEN 701 SC	ZEN 801 SC
Ø140mm	ZEN 703	ZEN 803	ZEN 703 SC	ZEN 803 SC
Ø153mm*	ZEN 705	ZEN 805	ZEN 705 SC	ZEN 805 SC
Ø170mm	ZEN 702	ZEN 802	ZEN 702 SC	ZEN 802 SC
Ø204mm*	ZEN 704	ZEN 804	ZEN 704 SC	ZEN 804 SC



#### ZENITH SLOPED TOP

Circular bollard with elliptical top plate sloped at 45 degree angle, available in stainless steel and galvanised mild steel.

Ø60mm	ZEN 456	ZEN 856	n/a	n/a
Ø76mm	ZEN 457	ZEN 857	n/a	n/a
Ø89mm	ZEN 458	ZEN 858	n/a	n/a
Ø102mm	ZEN 450	ZEN 850	n/a	n/a
Ø115mm	ZEN 451	ZEN 851	ZEN 451 SC	ZEN 851 SC
Ø140mm	ZEN 453	ZEN 853	ZEN 453 SC	ZEN 853 SC
Ø153mm*	ZEN 455	ZEN 855	ZEN 455 SC	ZEN 855 SC
Ø170mm	ZEN 452	ZEN 852	ZEN 452 SC	ZEN 852 SC
Ø204mm*	ZEN 454	ZEN 854	ZEN 454 SC	ZEN 854 SC



#### ZENITH BANDED

Circular stainless steel bollard in satin polished finish with shallow domed top and two bands in bright polished finish as standard (the reverse is also available on request). Bands vary in dimension according to the bollard diameter, but generally retain the proportions as shown in this example.

Ø60mm	ZEN 726	ZEN 826	n/a	n/a
Ø76mm	ZEN 727	ZEN 827	n/a	n/a
Ø89mm	ZEN 728	ZEN 828	n/a	n/a
Ø102mm	ZEN 720	ZEN 820	n/a	n/a
Ø115mm	ZEN 721	ZEN 821	ZEN 721 SC	ZEN 821 SC
Ø140mm	ZEN 723	ZEN 823	ZEN 723 SC	ZEN 823 SC
Ø153mm*	ZEN 725	ZEN 825	ZEN 725 SC	ZEN 825 SC
Ø170mm	ZEN 722	ZEN 822	ZEN 722 SC	ZEN 822 SC
Ø204mm*	ZEN 724	ZEN 824	ZEN 724 SC	ZEN 824 SC

#### Notes:

- \* Ø153 & Ø204mm bollards are available in stainless steel only.
- Stainless steel security bollards comprise an inner core in galvanised mild steel, over which an outer sleeve in stainless steel is fitted.
- Mild steel security bollards are a single piece construction.

STANDARD SPECIFICATION:  
Grade 304 stainless steel  
Satin polished finish

OPTIONS:  
Base plated bollards  
Grade 316 stainless steel  
Stainless steel in bright polished finish  
Mild steel galvanised, self-colour or with painted / coated finish (not Banded versions)  
Reflective tape in various colours & sizes  
Removable bollards (not Security versions)



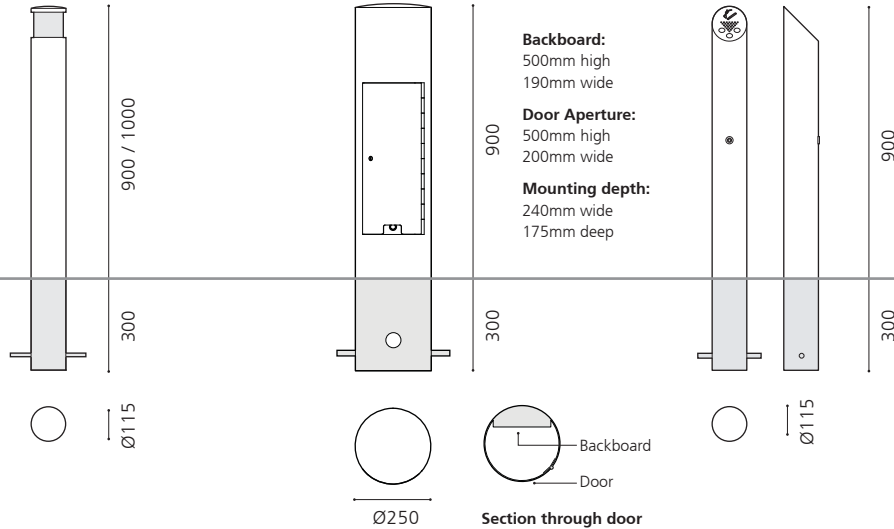
# ZENITH® BOLLARD RANGE



# ZENITH® ILLUMINATED, SERVICE & ASH WASTE BOLLARDS

## Coordinated range

In addition to fixed and removable bollards, further options are offered to provide a coordinated range of bollard-based products. The Zenith Illuminated is ideal for path edges or marking pedestrian or vehicular entry points within longer runs of standard bollards. Illumination is provided by 9 white LEDs securely fitted within an opal polycarbonate housing, and providing an output of 10.8 watts. Full details of other options - including lighting aperture sizes, louvres and LED colours - can be found on our website. The Zenith Service bollard is designed to house electricity or water supply points, most often used for street markets and other outdoor events. An internal plywood backboard is pre-fitted for mounting service connections (not supplied) and a locking door prevents unauthorised use. The bollard-based Zenith Ash Waste Container is one of a selection of cigarette bins available from Furnitubes - please refer to our website for all standard options.



### ZENITH ILLUMINATED BOLLARD

#### ZEN901 S304 9LED

900mm high, S/S G304 satin polished

#### ZEN901 DDA S304 9LED

1000mm high, S/S G304 satin polished

#### OPTIONS:

Refer to website

### ZENITH SERVICE BOLLARD

#### ZEN 707 S

900mm high, S/S G304 satin polished, with hinged & locking door and plywood backboard

#### OPTIONS:

Base plated bollard  
S/S G316 / bright polished finish

### ZENITH ASH WASTE BOLLARD

#### ZEN 210

Bolt-down, S/S G304 satin polished

#### ZEN 215

Root-fixed, S/S G304 satin polished

#### OPTIONS:

Refer to website



## ZENITH® EXTENDED RANGE

### Seating & litter bins

As well as bollard-based products, the Zenith range also comprises a number of seating and litter bin options that allow a coordinated range of products to be used across a scheme. The Zenith seating range includes an extensive choice of bench and full seat (with backrest) options that have been popular products in public realm projects since their introduction over a decade ago. Similarly, there are many choices of features and sizes in the Zenith litter bin range. All products are offered in stainless and mild steel. Please refer to our website for all options within the Zenith range.

