



Bollards.

Characteristics

- ▶ Wide range of standard shapes, load ratings, materials, and anchor systems
- ▶ Strong & long lasting designs
- ▶ Standard epoxy coating (NDFT 450 μ)
- ▶ Large line angles possible
- ▶ Special designs available upon request

Applications

- ▶ Container & Bulk Terminals
- ▶ Oil & Gas Terminals
- ▶ General Cargo Terminals
- ▶ Cruise Terminals, Ferry & RoRo Terminals
- ▶ Navy
- ▶ Leisure craft (customized)

T HEAD

Type	Capacity	Anchors
FT 10	10 Tons	4 x M24
FT 15	15 Tons	4 x M24
FT 20	20 Tons	5 x M24
FT 30	30 Tons	5 x M30
FT 50	50 Tons	5 x M36
FT 75	75 Tons	6 x M42
FT 100	100 Tons	7 x M42
FT 125	125 Tons	7 x M48
FT 150	150 Tons	7 x M48
FT 200	200 Tons	8 x M56
FT 250	250 Tons	8 x M56
FT 300	300 Tons	8 x M64

Also available as Double T Head



T Head Bollard

STAGHORN

Type	Capacity	Anchors
FSH 10	10 Tons	4 x M24
FSH 15	15 Tons	4 x M24
FSH 20	20 Tons	5 x M24
FSH 30	30 Tons	5 x M30
FSH 50	50 Tons	5 x M36
FSH 75	75 Tons	6 x M42
FSH 100	100 Tons	7 x M42
FSH 125	125 Tons	7 x M48
FSH 150	150 Tons	7 x M48
FSH 200	200 Tons	8 x M56

Higher capacity available upon request



Hole for concrete infill omitted



Staghorn Bollard

For detailed information on design, load angles, anchor types, materials as well as good practice installation and application, please refer to the dedicated SFT bollard manual.

SINGLE BITT

Type	Capacity	Anchors
FSB 10	10 Tons	4 x M24
FSB 15	15 Tons	4 x M24
FSB 20	20 Tons	5 x M24
FSB 30	30 Tons	5 x M30
FSB 50	50 Tons	6 x M36
FSB 75	75 Tons	6 x M42
FSB 100	100 Tons	7 x M48
FSB 125	125 Tons	7 x M48
FSB 150	150 Tons	7 x M56
FSB 200	200 Tons	8 x M56

Higher capacity available upon request



Single Bitt Bollard

DOUBLE BITT

Type	Capacity	Anchors
FDB 20	10 Tons	8 x M20
FDB 35	15 Tons	8 x M22
FDB 50	20 Tons	8 x M30
FDB 75	30 Tons	10 x M36
FDB 100	50 Tons	10 x M42
FDB 125	75 Tons	10 x M42
FDB 150	100 Tons	10 x M48
FDB 200	125 Tons	10 x M56

Higher capacity available upon request



Hole for concrete infill omitted



Double Bitt Bollard

SINGLE BITT 360°

Capacity available from 10 t - 200 t



KIDNEY

Capacity available from 15 t – 200 t



FABRICATED / WELDED

Custom design



TRICORN

Capacity available from 50 t – 150 t



CLEATS

Sizes available from 610 mm – 1,372 mm

