



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 [t]	Anchors	Weight [kg]
FT 10	10	4 x M24	50
FT 15	15	4 x M24	55
FT 20	20	5 x M24	66
FT 30	30	5 x M30	80
FT 50	50	5 x M36	165
FT 75	75	6 x M42	215
FT 100	100	7 x M42	345
FT 125	125	7 x M48	485
FT 150	150	7 x M48	565
FT 200	200	8 x M56	650
FT 250	250	8 x M56	925
FT 300	300	8 x M64	1.175

Also available as Double T Head



STAGHORN

Type	Capacity [t]	Anchors	Weight [kg]
FSH 10	10	4 x M24	55
FSH 15	15	4 x M24	65
FSH 20	20	5 x M24	85
FSH 30	30	5 x M30	135
FSH 50	50	5 x M36	165
FSH 75	75	6 x M42	285
FSH 100	100	7 x M42	395
FSH 125	125	7 x M48	525
FSH 150	150	7 x M48	665
FSH 200	200	8 x M56	785

Higher capacity available upon request



T Head Bollard



Staghorn Bollard

For detailed information on design, load angles, anchor types, materials as well as good practice installation and application, please contact your local SFT office

SINGLE BITT

Type	Capacity [t]	Anchors	Weight [kg]
FSB 10	10	4 x M24	45
FSB 15	15	4 x M24	55
FSB 20	20	5 x M24	65
FSB 30	30	5 x M30	100
FSB 50	50	6 x M36	210
FSB 75	75	6 x M42	350
FSB 100	100	7 x M48	585
FSB 125	125	7 x M48	615
FSB 150	150	7 x M56	845
FSB 200	200	8 x M56	1.150
FSB 250	250	8 x M64	1.425

Higher capacity available upon request



Single Bitt Bollard

DOUBLE BITT

Type	Capacity* [t]	Anchors	Weight [kg]
FDB 20	10	8 x M20	70
FDB 35	15	8 x M20	105
FDB 50	20	8 x M30	180
FDB 75	30	10 x M36	305
FDB 100	50	10 x M42	465
FDB 125	75	10 x M42	705
FDB 150	100	10 x M48	885
FDB 200	125	10 x M56	1.165

Higher capacity available upon request
 * Capacity per bitt



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



Hole for concrete infill omitted