

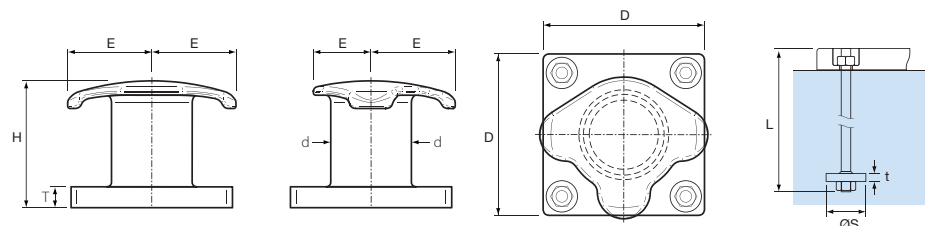
We supply different types of bollards. Below you find our available bollard types.

Tricorn Bollards / Square Head Bollards

Capacity	D	E	F	H	d	T	Bolts	A	B	L	ØS	t
300 kN	480	200	140	380	200	50	4xM30	67,5	345	500	130	30
500 kN	480	325	214	390	270	60	4xM36	67,5	345	600	150	35
600 kN	480	325	214	390	270	60	4xM39	67,5	345	650	160	35
800 kN	750	365	250	530	350	70	4xM48	85	580	720	170	50
1000 kN	750	365	250	530	350	70	4xM52	85	580	800	190	50
1250 kN	750	365	250	540	350	80	4xM60	85	580	920	220	50
1500 kN	750	365	250	550	350	90	4xM64	85	580	1020	240	60

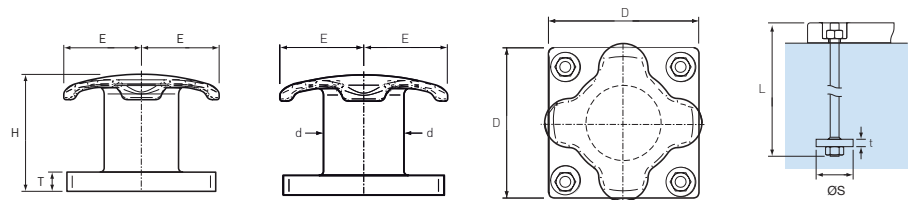
Capacity	D	E	F	H	d	T	Bolts	A	B	L	ØS	t
1750 kN	900	450	325	575	500	90	4xM60	105	690	1050	250	60
2000 kN	900	450	325	585	500	100	4xM60	105	690	1150	320	60
2500 kN	900	450	325	595	500	120	4xM68	110	690	1300	320	70
2500 kN	1100	450	325	595	500	135	4xM68	100	900	1300	320	70

Tricorn Bollards



The Tricorn bollards of Intra are designed for secure and reliable attachment to docks, making them ideal for container ships, cruise ships, and more. We have standard bollards available for immediate delivery from stock or can manufacture custom-designed bollards tailored to your specific project requirements.

Square Head Bollards



Customisation is available for all our bollards. Simply share your requirements, and we will bring them to life.

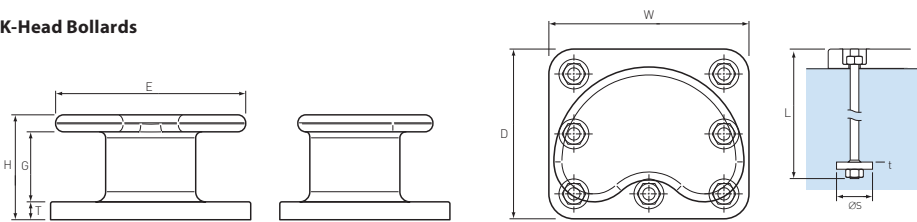
You can provide your specifications through a drawing or any other reference. Our team of specialists and engineers will work closely with you to design and manufacture the bollards to meet your exact project needs and requirements.

Customisation is possible

K-Head Bollards

Capacity	W	D	E	H	G	T	Bolts	A	B	C	L	ØS	t
150 kN	320	320	320	300	230	40	4xM24	50	220	-	500	100	25
300 kN	360	360	360	320	250	40	4xM30	50	260	-	500	110	30
500 kN	640	540	500	370	280	50	4xM36	70	400	-	500	110	30
800 kN	560	460	530	400	280	70	5xM42	70	210	320	800	150	30
1000 kN	590	490	570	420	300	70	7xM42	70	225	175	800	150	30
1500 kN	760	660	750	485	330	80	7xM48	80	300	250	1000	150	40
2000 kN	1000	850	950	525	350	90	7xM56	125	375	300	1000	180	50

K-Head Bollards



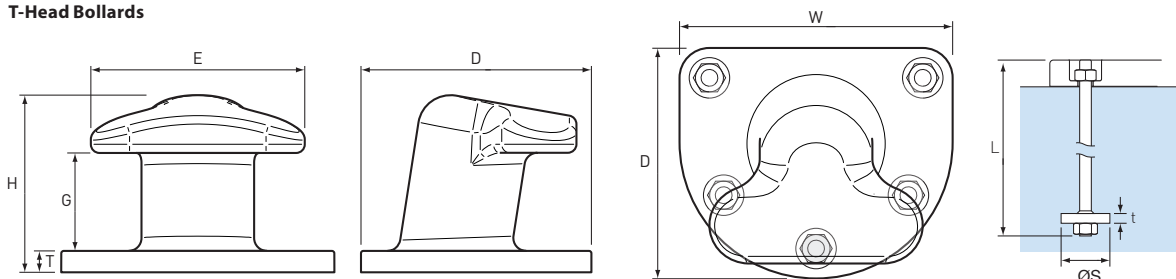
Intra's K-Head Bollards are engineered to endure the most demanding marine conditions, ensuring reliable anchorage for vessels of all sizes. Our robust bollards are available in capacities ranging from 150 kN to 2500 kN, providing exceptional strength and stability for secure mooring.



T-Head Bollards

Capacity	W	D	E	H	G	T	Bolts	A	B	C	a ₁	a ₂	a ₃	L	ØS	t
150 kN	410	335	340	275	160	40	5xM24	50	310	80	30	60	-	500	100	25
300 kN	450	375	350	295	180	40	5xM30	50	350	100	30	60	-	500	110	30
500 kN	640	540	500	415	230	50	5xM36	70	500	150	30	60	-	500	150	35
800 kN	640	550	550	455	250	70	6xM42	70	500	160	15	45	30	800	150	35
1000 kN	790	640	600	510	270	80	7xM42	70	650	175	10	40	40	800	150	35
1500 kN	900	750	700	550	270	90	7xM48	100	700	200	10	40	40	1000	180	45
2000 kN	1000	850	800	620	320	90	8xM56	125	750	225	36	36	18	1000	180	50
2500 kN	1100	900	890	720	375	105	9xM56	125	850	225	30	30	30	1000	200	50

T-Head Bollards



Stable, durable, and secure. These are the defining qualities of Intra's T-Head Bollards. Our dedicated design team works closely with clients to provide tailored solutions, ensuring that our T-Head Bollards perfectly meet the requirements of your project. We offer a wide range of customization options, including variations in the number of bolts, with choices of 5, 6, 7, or 8 bolts to suit your specific needs.