

TRIDENT



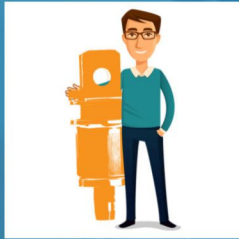
SMALL DEVICE FOR
BIG LOADS

Intro

Trident is purpose driven and original. A refinement of old age methods used to tie down high value items. The conventional process is antiquated and prone to failure. Existing fittings are susceptible to leaking, corrosion, tripping, breakage, and are unsightly. Trident fittings from the experts at www.tridentfittings.com are professionally engineered, built to the highest quality, and provide a significant improvement over the old. They are fast, reliable, attractive, require minimum maintenance, and are simple to operate.

Why is TRIDENT unique ?

A TRIDENT IS FRIENDLY



Trident Fittings are not only time savers, they are energy savers, easy to install, operate, and remove. The top unit locks into a sealed, non-corrosive base with the twist of your hand thus allowing the operator to focus their energy on other issues.

A TRIDENT IS RESPONSIBLE



Trident Fittings are engineered with double locking features. Once set they will stay set. They are fit for purpose and engineered to meet or exceed most Class Certification requirements. In this and many other ways they support you.

A TRIDENT IS TIMELY



Installing a Trident Fitting could be the fastest activity you do in your day. They are fast to rig and faster to remove. They are ready when you need them. Our expert team of designers and engineers have made the operation easy and multi-functional.

Easy Installation

Imagine a single person installing a fitting capable of holding 10,000 pounds with tools in five seconds! Or better yet, removing it in five seconds! The remaining visible portion of the receiver is flush, corrosive resistant, watertight, and beautiful.

INSERTION



INSERT



PRESS DOWN
ROTATE CLOCKWISE



LOCKED

REMOVAL



ROTATE
ANTICLOCKWISE



REMOVE

IMPROVED PERSONNEL SAFETY

- Blended Stainless Steel in structural main components

- Exotic Stainless Steel in critical components (up to twice the strength of 316 Stainless steel)

- Flush Base when not in use (no trip hazards)

- Highly polished visible surfaces for exceptional appearance

- Intelligent base design including guides, seals, and a spring loaded plunger to maintain watertight integrity

- Many base installation option

- Superior design of removable elements

- Hand operated, tool free design. (No FOD, Foreign Object Damage)

- Lightweight components through the use of investment castings

- Double locking features

- Superior Strength and Reliability

- Eliminates the costs normally associated with sandblasting and repainting of older designs

- Meets or exceeds many class requirements, certifications, and testing standards

- Successful history in U.S. Military, Offshore Oil, and Mega Yachts installations



TRIDENT

Fitting Types

Trident Flight Deck Fittings

- Split pad eye tie-down system
- Installed deck base
- Removable anchor with eye
- Tool free and double locking



Trident Post Fittings

- Hand-operated
- Split design
- Customizable
- High polished stainless steel



Trident Marine Bollard

- Marine single cross, single point bollard
- Provides a removable moorage point
- Customizable
- Versatile, functional and bespoke



Trident Commercial Fittings

- Secures loads from 5,000 pounds to 20,000 pounds
- Clean field after removal of fitting
- Low maintenance
- Enhanced Safety



Trident Fittings are adaptable for custom applications such as **light posts, awning posts, tender whips and cable standoffs** - just to name a few.

Trident Sealed Bases

- Flush, sealed and water resistant
- Bespoke and adjustable



Trident Open Bases

- Flush or semi-flush installations
- Piping provision



Mil-Spec Tie-Down Straps

- Constructed of Kevlar, wrapped in FIREEX exterior cover
- Provides burn protection to 1700° F



Endless Applications

Applications

Offshore oil

Trident Fittings offer the offshore oil industry improved designs. They are crafted from blended stainless steel to increase strength, reduce footprint, and eradicate well known limitations.



Yachts

When Trident Fittings are used on yachts they are bespoke in appearance and designed to provide flexibility. One base can be used with many attachments.



Commercial

Trident Fittings are the right choice for commercial tie down operations. These new designs simplify operations, increase productivity, improve safety, and are cost effective.

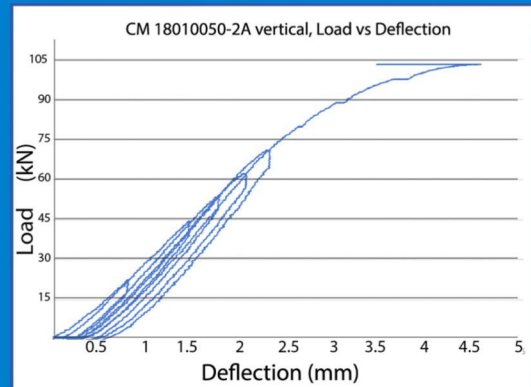
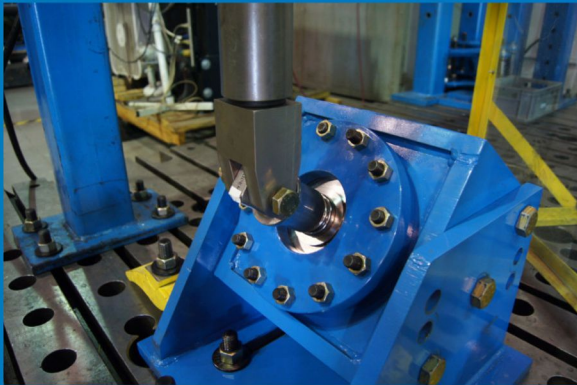


Government

Trident Fittings evolved from the Military's need for a better tie down system. Army, Navy, Air Force, Marine, and Coast Guards worldwide have long sought improved safety, reduced maintenance, simplified operations and more flexibility. Trident is the first in decades to offer such solutions.



Tests



Ratings are established by testing the fittings at a vertical load by an independent ISO Certified laboratory. As with all tie down designs, when used at angles, both the safety rating and proof rating may be lower. With Trident, the SWL remains the same.



Lighter



Safer



Stronger



Improved
Productivity



Earth
Ground



More
Durable



Less
Maintenance

Removable Fittings

Part Number	Type	Purpose	WLL	Proof Load	Breaking Strength	Safety Factor
FD-100	Hand Operated	Flight Deck	6,000 Lbs	12,000 Lbs	18,000 Lbs	3X
FD-150	Hand Operated	Flight Deck	10,000 Lbs	20,000 Lbs	30,000 Lbs	3X
RP-.875	Hand Operated	Removable Post	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
MB-.875	Hand Operated	Marine Bollard	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
MB-1.0	Hand Operated	Marine Bollard	6,000 Lbs	12,000 Lbs	18,000 Lbs	3X
MB-1.5	Hand Operated	Marine Bollard	10,000 Lbs	20,000 Lbs	30,000 Lbs	3X
CM-.75	Tool Set	Commercial	4,000 Lbs	8,000 Lbs	12,000 Lbs	3X
CM-1.0	Tool Set	Commercial	7,000 Lbs	14,000 Lbs	21,000 Lbs	3X
CM-1.5	Tool Set	Commercial	12,000 Lbs	24,000 Lbs	36,000 Lbs	3X
CM-2.0	Tool Set	Commercial	20,000 Lbs	40,000 Lbs	60,000 Lbs	3X

Bases

Part Number	Type	Purpose	WLL	Proof Load	Breaking Strength	Safety Factor
SB-75	Sealed	All	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
SB-.875	Sealed Complete	Removable Post	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
SB-.875	Sealed Retro	Removable Post	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
SB-1.0	Sealed	All	10,000 Lbs	20,000 Lbs	30,000 Lbs	3X
SB-1.5	Sealed	All	15,000 Lbs	30,000 Lbs	45,000 Lbs	3X
SB-2.0	Sealed	All	20,000 Lbs	40,000 Lbs	60,000 Lbs	3X
OB-.75	Open	All	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
OB-.875	Open	All	5,000 Lbs	10,000 Lbs	15,000 Lbs	3X
OB-1.0	Open	All	10,000 Lbs	20,000 Lbs	30,000 Lbs	3X
OB-1.5	Open	All	15,000 Lbs	30,000 Lbs	45,000 Lbs	3X
OB-2.0	Open	All	20,000 Lbs	40,000 Lbs	60,000 Lbs	3X
CB-1.0	Sealed	Concrete Tarmac	10,000 Lbs	20,000 Lbs	30,000 Lbs	3X
CB-1.5	Sealed	Concrete Tarmac	15,000 Lbs	30,000 Lbs	45,000 Lbs	3X
CB-2.0	Sealed	Concrete Tarmac	20,000 Lbs	40,000 Lbs	60,000 Lbs	3X

Mil-Spec Tie-Downs

Part Number	Type	Purpose	WLL	Breaking Strength	Safety Factor
TD-1 A/B	Mil-Spec	All	10,000 Lbs	15,000 Lbs	1.5X
TD-2 A/B	Mil-Spec	All	25,000 Lbs	38,000 Lbs	1.5X



Trident Fittings has revolutionized the tie down market, bringing one solution to fill a gaping need in many industries.



For more details contact: +1 800.886.1395

www.tridentfittings.com