

Gravity Bar

GRAVITY BAR™ Extractable Road Anchoring System

Designed and engineered by DIABLO Industrial Services specifically for use with MASH TL3 and TL4 temporary barrier systems and end treatments, the Gravity Bar™ Extractable Road Anchor is Australia's premium road anchoring product produced from high-quality materials to deliver superior function and performance.

Hold. Stuff. Down.

Gravity Bar™ has been designed to alleviate all of the common issues associated with conventional road anchors. The primary objective was to achieve maximum efficiency and productivity by minimising manual handling and time.

Manufactured from 304 Stainless Steel, Gravity Bar™ Extractable Road Anchors do not corrode, and are designed to persist where other road anchors fail.

Type 2 Gravity Bar™ Extractable Road Anchors are produced in 396mm and 450mm lengths for use in various asphaltic pavements and 250mm lengths for use in concrete slabs and pavements, and shallow embedment in bridge decks with asphaltic pavement.



M20 and M24

250mm long for 200mm embedment
396mm long for 330mm embedment
450mm long for 400mm embedment

M30

250mm long for 200mm embedment
396mm long for 330mm embedment
465mm long for 400mm embedment



Reduced footprint, less holes

Less holes to drill, less holes to fill.

Superior holding capacity means less Gravity Bar™ anchors per linear metre than alternative products which equates to considerably higher productivity and significantly lower handling and remediation costs.

Easy installation

Higher productivity, lower cost to install. Gravity Bar™ is designed to go in fast and easy and expedite system maintenance and alterations by being reusable and functional.

Excellent thread quality at both ends of the anchor means they are easy and fast to assemble and can be wound in and out of the same holes after setting without compromised holding capacity.

No bond breaker is required for installation.

Gravity Bar™ anchors can be hammered into place without detriment to function where ground conditions warrant some degree of force during installation.



No exposed thread and no sharp or square edges mean they do not pose a tyre puncture risk to traffic.

Easy extraction

The average extraction time for a Type 2 Gravity Bar™ Extractable Road Anchor is 5 seconds.

Due to their superior surface finish, Gravity Bar™ anchors will retract with minimal rotary friction making extraction easy and quick, with the least possible amount of manual handling and no undue wear and tear to tools.

Durable, non-corroding

One of the best and most well-known characteristics of stainless steel is that it is extremely corrosion resistant. It also has low susceptibility to brittleness and yields superior tensile and shear strength than Grade 8.8 high tensile bar.

The durability and resilience of stainless steel, intelligent product design, and extremely low maintenance costs mean that you'll get excellent life span out of Gravity Bar™.

Environmentally friendly, workplace safe

Due to the superior properties of stainless steel, resins will not bond directly with Gravity Bar™ anchors eliminating the need for cleaning after extraction.

If a Gravity Bar™ does require cleaning for some reason, it can be cleaned in caustic soda. This means no manual labour, and without the associated costs or risks.

Alternatively, resins will adhere to carbon steel alternatives, and they must be mechanically cleaned because chemical cleaners will strip anti-corrosion treatments from the anchor. Mechanical cleaning, typically wire brushing, produces and disseminates toxic two-part resin dusts in the workplace.



Sustainable

Stainless Steel is a highly regarded sustainable steel product. It is typically comprised of up to 85% recycled scrap metal and is 100% recyclable in its original form making it easy to recycle and repurpose at end of life.

Additionally, stainless steel does not leach toxic chemicals or other component materials during the recycling process, and in doing so eliminates the need for resourcing and restoring the rarer elements that are essential to the material.



Australian made

Gravity Bar is designed and made in Australia, by people who actually install barrier systems. Beware of second-rate, spurious imitations produced offshore.



Ready to go

Gravity Bar™ is accepted for use with the following temporary barrier systems and end treatments.

BG800™
HighwayGuard™
DeltaBloc™

SafeZone™
ZoneGuard™
ZoneBloc™

Quadguard™ CZ and M10
SMART Cushion™
Universal TAU-M™