

Internally Threaded Sockets



Stainless UK manufactures made-to-order internally threaded sockets for resin-fixed anchorage, precast concrete connections and specialist civil engineering applications.

Stainless steel, sockets can be supplied with bespoke internal threads, thread engagement lengths, overall lengths and external profiles to suit project-specific requirements.

Available Materials

- Grade 304 / 304L Rebar and Plain bar
- Grade 316 – Rebar 1.4436 – Threaded bar 1.4401
- Duplex – Rebar 1.4362 – Threaded bar F51
- Other project-specific grades by agreement

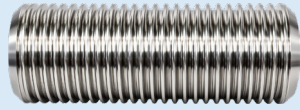
Manufacturing Options

- Internal threads up to M39
- Bespoke thread engagement lengths
- Custom socket lengths and outside diameters
- Metric threaded, rebar or Grip Bar® external profile
- Single or double-cut ends

External Profile Options

Metric Threaded

For connection details requiring an external metric thread.



Grip Bar®

For improved resin bond through enhanced mechanical interlock.



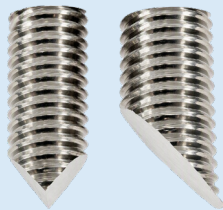
Rebar Profile

For load transfer using stainless reinforcing bar geometry.



Cut Ends

Available as single or double-cut ends to suit the installation detail.



Typical Uses

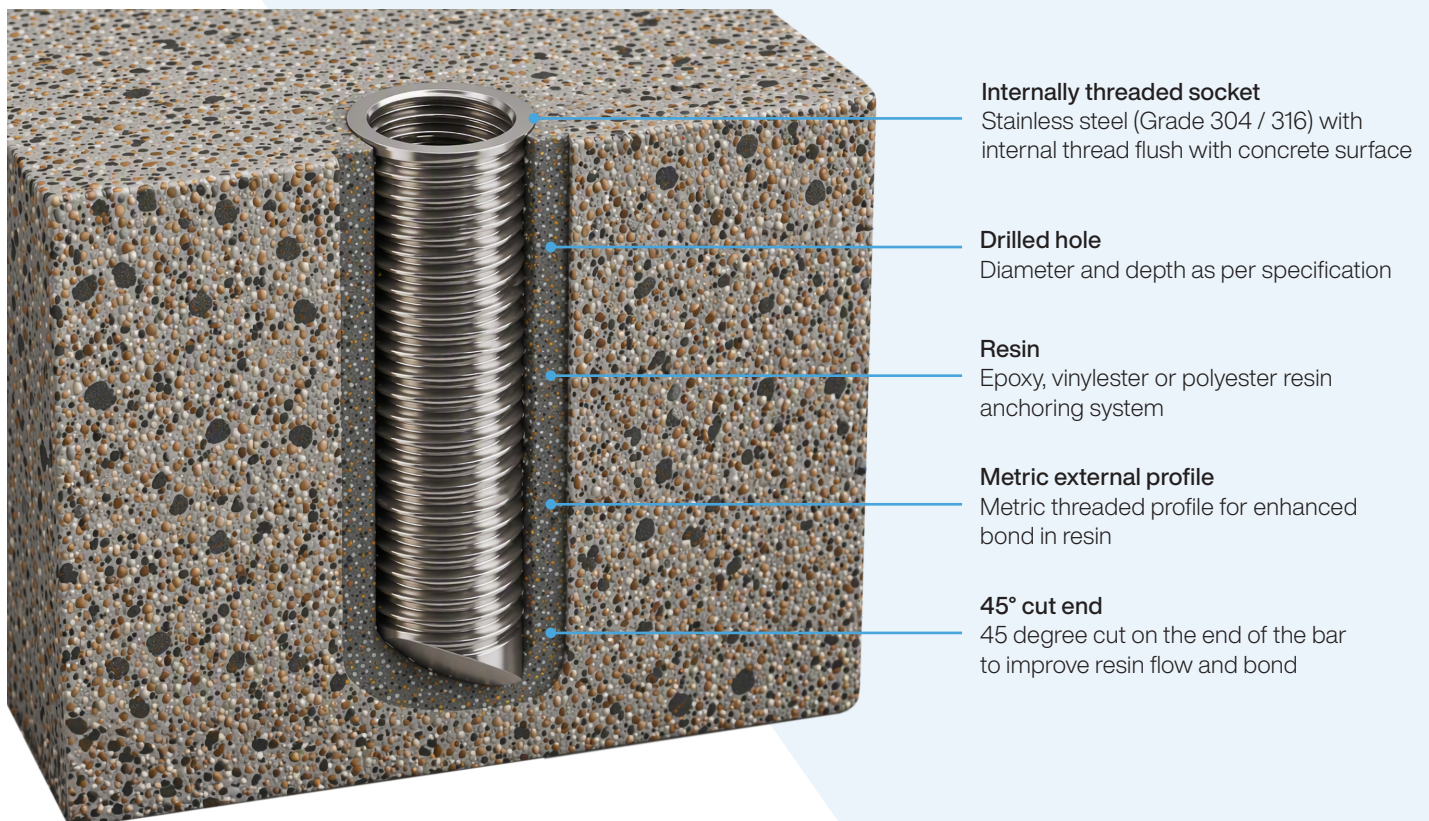
- Precast concrete connections
- Structural and architectural fixings
- Curtain walling and façades
- Bridge, highway and marine infrastructure
- Safety barriers and utility structures

Benefits

- Corrosion-resistant stainless steel construction
- Bespoke dimensions and configurations
- Choice of anchorage profile
- Compatible with epoxy, vinylester and polyester resin systems
- UK manufactured

Technical Note

Final suitability should be verified by the project designer, taking account of substrate condition, design load, edge distance, spacing, embedment depth, resin approval and installation conditions.



Example: Metric external profile with 45° cut end installed in concrete.