



Threaded Studs  
**Product Guide**



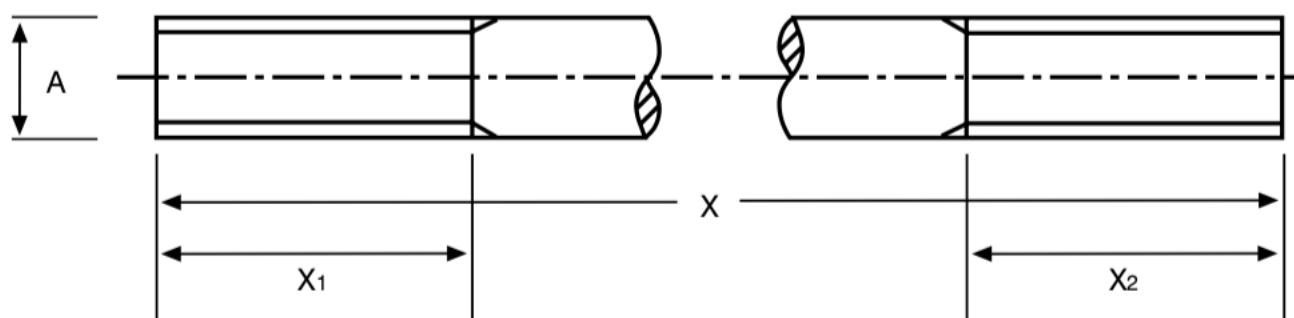
EN15048-1  
Cert No:  
0038/CPR/4006773/C



**BAPP**

Group of Companies

# Tie Rods



## Product Specification

These round steel bars can have either clean-sawn or cropped ends. Intended for use in expansion or contraction joints, a wide range of standard sizes are available for immediate delivery. Available in mill length to 12,000mm/40ft and upto 64mm/2½ diameters, before delivery to site, the tie rods may be cut to a specified length.

## Available Grades

BAPP holds stocks of mild steel 4.6, high tensile 8.8 & 10.9 and stainless steel grade A2 and A4. We also offer materials B7, L7 & B8 and other exotic non-ferrous materials.

## Corrosion Protection

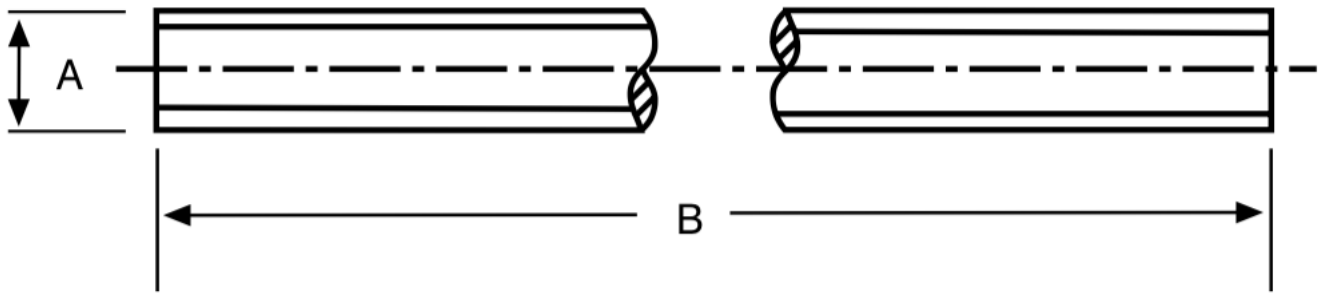
Corrosion protection is one of the most important elements in providing long-term durability of any tie rod installation. There are a number of possibilities depending on the site conditions and degree of exposure. Examples of successful corrosion protection currently in use are:

- Electro Zinc Plating
- Galvanizing
- Sherardizing
- Epoxy Coating

## Available Stocks

| Size | 1m Length | 2m Length | 3m Length | 3m+ Length |
|------|-----------|-----------|-----------|------------|
| M6   | ✓         | ✓         | ✓         |            |
| M8   | ✓         | ✓         | ✓         |            |
| M10  | ✓         | ✓         | ✓         |            |
| M12  | ✓         | ✓         | ✓         |            |
| M14  | ✓         | ✓         | ✓         |            |
| M16  | ✓         | ✓         | ✓         | ✓          |
| M18  | ✓         | ✓         | ✓         | ✓          |
| M20  | ✓         | ✓         | ✓         | ✓          |
| M22  | ✓         | ✓         | ✓         | ✓          |
| M24  | ✓         | ✓         | ✓         | ✓          |
| M27  | ✓         | ✓         | ✓         | ✓          |
| M30  | ✓         | ✓         | ✓         | ✓          |
| M33  | ✓         | ✓         | ✓         | ✓          |
| M36  | ✓         | ✓         | ✓         | ✓          |
| M39  | ✓         | ✓         | ✓         | ✓          |
| M42  | ✓         | ✓         | ✓         | ✓          |
| M45  | ✓         | ✓         | ✓         | ✓          |
| M48  | ✓         | ✓         | ✓         | ✓          |
| M52  | ✓         | ✓         | ✓         | ✓          |
| M56  | ✓         | ✓         | ✓         | ✓          |
| M60  | ✓         | ✓         | ✓         | ✓          |
| M64  | ✓         | ✓         | ✓         | ✓          |
| M68  | ✓         | ✓         | ✓         | ✓          |
| M72  | ✓         | ✓         | ✓         | ✓          |
| M76  | ✓         | ✓         | ✓         | ✓          |
| M80  | ✓         | ✓         | ✓         | ✓          |

# All Thread/Studding



## Product Specification

All thread or studding can be made into any length required. We can offer a short piece cropped and roll threaded option. For longer lengths we provide a cutting service with standard diameters M8-M64 in 1000mm and 3000mm stock length. We also offer all diameters, grades and finishes in angled cut studs for resin anchor applications.

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- Galvanizing
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- Epoxy Coating

## Available in a Variety of Thread Types:

- Metric (ISO and Fine Pitch)
- Left Hand
- BSW, UNC, UNF
- Resin Anchor Studs

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| M64  | ✓         | ✓         | ✓         | ✓          |
| M68  | ✓         | ✓         | ✓         | ✓          |
| M72  | ✓         | ✓         | ✓         | ✓          |
| M76  | ✓         | ✓         | ✓         | ✓          |
| M80  | ✓         | ✓         | ✓         | ✓          |

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