

## CONTINUOUS THREADED BARS

### VERSATILE CONTINUOUSLY THREADED BARS

Our steel **threaded anchor bars** are used for many geotechnical and construction applications including soil nailing and anchoring.



Anchor holes being drilled in a construction project

Advantages of Maccaferri Self-Drilling anchor system;

- M** Continuous thread enhances pull-out resistance with grout
- M** Simple to use with accessories; couplers, nuts and plates
- M** Can be cut to exact length required for most cost-effective works
- M** Used when the drill hole is stable
- M** Can be used in temporary works to stabilise excavations and slopes
- M** Can be used to tie-back gabion walls where space is a premium

Maccaferri **threaded anchor bars** are typically used in conjunction with our range of steel meshes to deliver a flexible structural system or stabilisation netting system;

- M** MacMat® R Green and MacMat® HS to form a vegetating reinforced surfacing
- M** Double twist rockfall protection mesh
- M** SteelGrid® HR high tensile strength rockfall mesh
- M** HEA Panels



Soil nails with MacMat HS 100

#### Soil Nailing

The soil nails address the global stability of the slope and the facing mesh retains the superficial portion of the slope.

#### Anchoring

Bars at the crest and toe of the slope or rock face secure the mesh in place. Depending on the requirements of the design and stability analysis of the slope, anchorages may also secure the mesh across the face of the slope to implement a stabilisation netting system.

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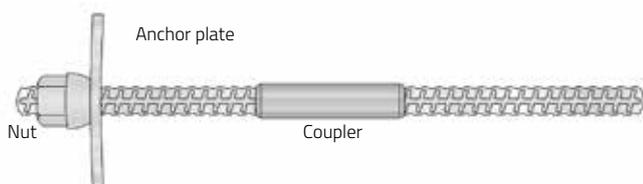
Maccaferri's **threaded anchor bar** system comprises:

- M** Continuously threaded solid bars in a variety of diameters
- M** Couplers with central stop
- M** Plates
- M** Nuts and lock nuts
- M** Centraliser

The steel anchor bars are available galvanised or black (ungalvanised).



Continuously threaded anchor bars



The table below includes typical sizes of bar. Other sizes are available; for the full range including accessories, see our product Technical Data Sheet from our website. All threads are left-handed.

Type	Nominal Diameter (mm)	Section (mm <sup>2</sup> )	Weight (kg/m)
20	20/23	314	2.5
25	25/29	491	3.9
28	28/32	616	4.8
32	32/36	804	6.3
40	40/45	1260	9.9

Type	500/550 Anchor Bar		670/800 Anchor Bar	
	Yield Strength (kN)	Tensile Strength (kN)	Yield Strength (kN)	Tensile Strength (kN)
20	160	175	210	250
25	245	270	330	390
28	310	340	410	490
32	405	440	540	640
40	630	690	845	1010

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