

Grip Rib[®] Stainless Reinforcing Bar



Grip Rib[®] is a high strength, high bond stainless steel reinforcing bar developed as an alternative to conventional stainless reinforcement, particularly where large bar diameters are required or unavailable. Manufactured by cold forming, Grip Rib[®] offers consistent rib geometry and excellent bond performance in concrete and grout applications.

Grip Rib[®] is supplied in high strength grade 650 N/mm² and is available in stainless steel grades 304, 316 and Duplex.



Benefits

- Particularly advantageous in large diameter reinforcement applications
- Consistent rib profile achieved through controlled cold forming
- Proven high bond strength in concrete and grout
- High strength, thread rolled stainless steel bar
- Excellent ductility, suitable for seismic and dynamic loading conditions
- Strong corrosion resistance for aggressive and coastal environments

- Supplied in standard 6 metre lengths
- Capable of three dimensional bending without loss of performance

Applications

- Docks and harbours
- Railway infrastructure
- Coastal defence walls, slopes, and slabs
- Conservation and strengthening of historic and ancient structures
- Water and Wastewater infrastructure
- Foundations and piling applications

Technical Data

Ref.	Nom. Dia. (mm)	CSA (mm ²)	0.2% Proof Load (kN)	Ultimate Tensile Load (kN)	Weight per Metre (Kg/m)
GR24	24	378	246	283	2.90
GR27	27	492	320	368	3.90
GR30	30	596	388	446	4.70
GR33	33	737	480	552	5.75
GR36	36	873	568	653	7.00
GR39	39	1037	674	776	8.25
GR42	42	1197	778	896	9.50
GR45	45	1388	903	1038	10.90
GR48	48	1562	1016	1168	12.40
GR50-GR78	Available on request for more details please call 0114 244 1333				