

Thread Bar 600 (TB600) - Dyno Bar

The Dyno system has been selected and proved itself competent on major civil projects in Southern Africa namely:

- ¥ Chapman's Peak - reparation
- ¥ Lesotho Highland Water Project
- ¥ Zambezi River Bridge - Incremental launch
- ¥ Durban Harbour - Heavy lifting project
- ¥ Boksburg Civic Centre - Micropiles

Manufactured from high strength input steel, the Dyno Bar is cold thread rolled into a continuously threaded bar over the entire bar length.



Zambezi River Bridge, incremental launch

Dyno Bar is cold thread rolled in 12m. Threads can be applied in either left or right hand formats in the following diameters:

Nominal diam. (mm)	15	26.5	32	36	40
Thread pitch (mm)	10	5	6	6	8

Components complimenting the Thread Bar system:

- ¥ Dome nuts
- ¥ Hexagon nuts
- ¥ Recessed anchor plates
- ¥ Couplers
- ¥ Expansion shells (15mm, 26.5mm, 32mm and 36mm)



The **Dyno Bar** system is ideally suited to the construction industry where greater forces are encountered, and typical applications are described as follows:

- ¥ Rock bolts
- ¥ Ground anchors
- ¥ Micro piling
- ¥ Upliftment anchors
- ¥ Jacking rods
- ¥ Foundation bolts
- ¥ Mining construction
- ¥ Tunnelling

Loading characteristics as follows:

Nominal diameter (mm)	15	26.5	32	36	40
Cross sectional area (mm²)	177	551	804	1018	1257
Yield strength (MPa)	710	582	597	593	593
Yield load (kN) 126 320	480	604	746		
Ultimate strength (MPa)	1100	950	950	950	950
Ultimate load (kN)	195	523	764	967	1194
Young's modulus (GPa)	200	200	200	200	200



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