

DYWIDAG THREADBAR is a steel bar with continuous coarse threads hot rolled on two opposite sides. The continuous threads allow for anchorage and coupler installation anywhere along the bar. The coarse threads provide excellent bond to grout and are insensitive to dirt and damage. In addition, there is no loss of strength due to thread cutting.

Reinforcing GEWI Threadbar: T Grade

Minimum Ultimate Grade (MPa)		550	600	550	550	550	550	700
Minimum Yield Grade (MPa)		500	500	500	500	500	500	555
Nominal Diameter (mm)		16	20	25	28	32	40	63.5
Minimum Breaking Load (kN)		111	188	270	339	442	691	2217
Minimum Yield Load (kN)		100	157	245	308	402	628	1758
Cross-section Area (mm ²)		210	314	491	616	804	1257	3167
Maximum Thread Diameter (mm)		19	23	28	32	36	44	69
Unit Weight (kg/m)		1.58	2.47	3.85	4.83	6.31	9.86	24.86
Minimum Bar Protrusion: P ₁ (mm)		45	55	58	63	70	80	130
Dome Nut p/n: T 2044	L (mm)	33	41	45	54	57	70	115
	A/F ₂ (mm)	27	35	38	43	46	60	100
Hex Nut p/n: T 2002 & T 2163	L (mm)	40	35	50	55	60	70	85
	A/F ₂ (mm)	32	36	41	46	55	65	80
Coupler p/n: T 3003	C (mm)	90	110	115	125	140	160	200
	D (mm)	34	37	42	48	55	68	84
Typical Domed (D) or Flat (F) Plate for Soil Nails and Rock Bolts	W (mm)	150	150	150	200	200	250	300
	T (mm)	10	10	10	12	16	16	45
	H (mm)	25	25	25	25	30	30	0
	D or F	D	D	D	D	D	D	F

Typical applications: Soil and rock anchors, soil nails, mini-piles, tie rods and reinforcement.

Specifications: Threads are left hand. High ductility and elasticity.

Notes

- 1) Minimum Threadbar protrusion to accommodate tensioning or coupling; $P = \frac{1}{2}C$ (mm).
- 2) Width measured across flats of nut.
- 3) Other hardware available not shown.
- 4) Corrosion protection available: pre-grouting in sheathing (DCP), hot dipped galvanising & epoxy coating.
- 5) ACRS approved according to AS 4671



