

SELF DRILLING ANCHOR BAR

TECHNICAL DATA SHEET



R THREAD DESIGN

T THREAD DESIGN



Anchor Bar Designation	Outside Diameter	Inside Diameter	Effective Cross Section	Ultimate Load (G.U.T.S.)	Yield Load	Design 70% G.U.T.S.	Design 60% G.U.T.S.	Weight Per/Ft Per/M
R32/15	32mm	15mm	0.79 (in ²) 510 (mm ²)	81 kips 360 kN	63 kips 280 kN	56.6 kips 252 kN	48.5 kips 216 kN	2.69 lbs/ft 4.0 kg/M
R38/20	38mm	20mm	1.09 (in ²) 701 (mm ²)	112 kips 500 kN	90 kips 400 kN	78.3 kips 350 kN	67.1 kips 300 kN	3.69 lbs/ft 5.50 kg/M
R51/29	51mm	29mm	1.78 (in ²) 1146 (mm ²)	180 kips 800 kN	142 kips 630 kN	126 kips 560 kN	108 kips 480 kN	6.05 lbs/ft 9.00 kg/M

Anchor Bar Designation	Outside Diameter	Inside Diameter	Effective Cross Section	Ultimate Load (G.U.T.S.)	Yield Load	Design 70% G.U.T.S.	Design 60% G.U.T.S.	Weight Per/Ft Per/M
T40/16	40mm	16mm	1.42 (in ²) 917 (mm ²)	148 kips 660 kN	118 kips 525 kN	104 kips 462 kN	89 kips 396 kN	4.84 lbs/ft 7.20 kg/M
T52/24	52mm	24mm	2.01 (in ²) 1299 (mm ²)	209 kips 929 kN	164 kips 730 kN	144.2 kips 650.3 kN	125.4 kips 557.4 kN	6.85 lbs/ft 10.20 kg/M
T76/51	76mm	51mm	3.26 (in ²) 2102 (mm ²)	360 kips 1600 kN	270 kips 1200 kN	252 kips 1120 kN	216 kips 960 kN	11.08 lbs/ft 16.50 kg/M
T76/45	76mm	45mm	3.89 (in ²) 2510 (mm ²)	427 kips 1900 kN	337 kips 1500 kN	229 kips 1330 kN	256 kips 1140 kN	13.23 lbs/ft 19.70 kg/M

Surrey, BC Office
#120 – 18436 96th Ave.
V4N 3P8
604-678-8508

Pinnacledrilling.com

Calgary Office
72 Technology Way
Calgary, AB
T3S 0B9
403-236-3393