



PROPERTIES FOR DYWIDAG GR80 THREADBAR

THREADBAR® Designation		Maximum THREADBAR® Diameter		Yield Stress (fy)		Cross Section Area (As)		Yield Load (fy x As)		Nominal Weight	
[in]	[mm]	[in]	[mm]	[ksi]	[MPa]	[in²]	[mm²]	[kips]	[kN]	[lbs/ft]	[kg/m]
#6	19	0.86	22	75	517	0.44	284	33.0	147	1.50	2.23
#7	22	0.99	25	75	517	0.60	387	45.0	200	2.04	3.04
#8	25	1.12	28	75	517	0.79	510	59.3	264	2.67	3.97
#9	29	1.26	32	75	517	1.00	645	75.0	334	3.40	5.06
#10	32	1.43	36	75	517	1.27	819	95.3	424	4.30	6.40
#11	36	1.61	41	75	517	1.56	1,006	117.0	520	5.31	7.90
#14	43	1.86	47	75	517	2.25	1,452	168.8	751	7.65	11.38
#18	57	2.50	64	75	517	4.00	2,581	300.0	1,335	13.60	20.24
#20	63	2.72	69	80	552	4.91	3,168	393.0	1,748	16.91	25.16
#24	75	3.18	81	75	517	7.06	4,555	529.5	2,355	24.09	35.85
#28	90	3.68	94	75	517	9.62	6,207	721.5	3,209	32.79	48.79

Warning: Avoid Welding near A722 steel.

Note: Mill length = 60'-0" for #6 through #24 bars and 48'-0" for #28 bars

