Thread	Tensile Stress Area	SAE Grade 2			SAE Grade 5			SAE Grade 8		
Size	Radiator & Resvoir	75% Yield Strength (PSI) - 43000			75% Yield Strength (PSI) - 69000			75% Yield Strength (PSI) = 98000		
		Plain	Zinc Plated	Waxed	Plain	Zinc Plated	Waxed	Plain	Zinc Plated	Waxed
	Square Inches	A. lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.
1/4-20.	0.0318	6	6	3	9	10	5	13	14	6
1/4-28.	0.0364	7	7	3	10	12	5	15	16	7
5/16-18.	0.0524	12	13	6	19	21	9	27	29	13
5/16-24.	0.058	13	14	6	21	23	10	30	33	15
3/8-16.	0.0775	21	23	10	33	37	17	47	52	24
3/8-24.	0.0878	24	26	12	38	42	19	54	59	27
7/16-14.	0.1063	33	37	17	53	59	27	76	83	38
7/16-24.	0.1187	37	41	19	60	66	30	85	93	42
1/2-13.	0.1419	51	56	25	82	90	41	116	127	58
1/2-20.	0,1599	57	63	29	92	101	46	131	144	65
9/16-12.	0.182	73	81	37	118	129	59	167	184	84
9/16-18.	0.203	82	90	41	131	144	66	186	205	93
5/8-11.	0.226	101	111	51	162	179	81	231	254	115
5/8-14.	0.256	115	126	57	184	202	92	261	287	131
3/4-10.	0.334	180	197	90	288	317	144	409	450	205
3/4-16.	0.373	200	221	100	322	354	161	457	503	228

Thread	Tensile Stress Area	SAE Grade 2			SAE Grade 5			SAE Grade 8		
Size	TSA	75% Yield Strength (PSI) - 43000			75% Yield Strength (PSI) - 69000			75% Yield Strength (PSI) = 98000		
		Plain	Zinc Plated	Waxed	Plain	Zinc Plated	Waxed	Plain	Zinc Plated	Waxed
	Square Inches	A. lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.	Ft.Lb.
1/4-20.	0.0318	6	6	3	9	10	5	13	14	6
1/4-28.	0.0364	7	7	3	10	12	5	15	16	7
5/16-18.	0.0524	12	13	6	19	21	9	27	29	13
5/16-24.	0.058	13	14	6	21	23	10	30	33	15
3/8-16.	0.0775	21	23	10	33	37	17	47	52	24
3/8-24.	0.0878	24	26	12	38	42	19	54	59	27
7/16-14.	0.1063	33	37	17	53	59	27	76	83	38
7/16-24.	0.1187	37	41	19	60	66	30	85	93	42
1/2-13.	0.1419	51	56	25	82	90	41	116	127	58
1/2-20.	0,1599	57	63	29	92	101	46	131	144	65
9/16-12.	0.182	73	81	37	118	129	59	167	184	84
9/16-18.	0.203	82	90	41	131	144	66	186	205	93
5/8-11.	0.226	101	111	51	162	179	81	231	254	115
5/8-14.	0.256	115	126	57	184	202	92	261	287	131
3/4-10.	0.334	180	197	90	288	317	144	409	450	205
3/4-16.	0.373	200	221	100	322	354	161	457	503	228