

SAS thread bars

SAS SYSTEMS

Applications	Nominal Diameter			Area [in ²]	Minimum Yield Strength [kips]	Minimum Ultimate Strength [kips]	Weight [lb/ft]	Maxi- mum Bar Diameter [in.]	Item No.
	#	[in]	[mm]						
SAS 500 grade - 75									
 reinforcing systems	4		12	0.18	13.1	17.5	0.60	0.55	120GL
			14	0.24	17.9	23.9	0.81	0.63	140GL
	5	5/8	16	0.31	23.4	31.2	1.06	0.75	160GL
	6	3/4	20	0.49	36.5	48.7	1.66	0.91	200GL
	8	1	25	0.76	57.1	76.1	2.59	1.14	250GL
			26	0.82	61.7	82.3	2.80	1.18	260GL
	9	1-1/8	28	0.95	71.6	95.5	3.25	1.26	280GL
			30	1.10	82.2	109.6	3.73	1.34	300GL
	10	1-1/4	32	1.25	93.5	124.6	4.24	1.42	320GL
	11	1-3/8	36	1.58	118.6	158.1	5.37	1.61	360GL
 geotechnical systems	13	1-5/8	40	1.95	146.5	195.3	6.63	1.77	400GL
	14	1-3/4	43	2.25	168.8	225.1	7.66	1.89	430GL
	16	2	50	3.04	227.9	303.8	10.35	2.20	500GL
	24	3	75	6.85	513.6	684.8	23.30	3.23	750GL
SAS 550 grade - 80									
	18	2-1/4	57.5	4.03	322.0	402.5	13.69	2.48	575GL
	20	2-1/2	63.5	4.91	392.7	490.9	16.71	2.76	635GL
SAS 670 grade - 97									
 high strength reinforcing systems	6	3/4	18	0.39	38.2	45.9	1.34	0.83	180AT
	7	7/8	22	0.59	57.1	68.3	2.00	0.98	220AT
	8	1	25	0.76	73.8	88.3	2.59	1.10	250AT
	9	1-1/8	28	0.95	92.6	110.8	3.25	1.26	280AT
 geotechnical systems	10	1-1/4	30	1.10	106.3	127.0	3.73	1.34	300AT
	11	1-3/8	35	1.49	144.6	173.1	5.07	1.57	350AT
	14	1-3/4	43	2.25	218.3	261.2	7.66	1.89	430AT
	16	2	50	3.04	295.1	353.0	10.35	2.17	500AT
 tunneling & mining	18	2-1/4	57.5	4.03	390.5	466.9	13.69	2.48	575AT
	20	2-1/2	63.5	4.91	476.2	569.7	16.71	2.76	635AT
	24	3	75	6.85	664.2	794.7	23.30	3.23	750AT
	SAS 950/1050 grade - 150								
 geotechnical systems		3/4	18	0.37	51.7	57.3	1.32	0.83	180WR
		1	26.5	0.85	118.0	130.4	3.01	1.22	265WR
		1-1/4	32	1.25	170.9	190.0	4.39	1.46	320WR
 post-tensioning systems		1-3/8	36	1.58	215.8	240.5	5.56	1.65	360WR
		1-5/8	40	1.95	267.5	296.7	6.86	1.81	400WR
		1-7/8	47	2.69	370.9	409.2	9.47	2.09	470WR
SAS 835/1035 grade - 150									
 geotechnical systems		2-1/4	57	4.00	484.5	600.5	14.08	2.52	570W
		2-1/2	65	5.16	625.0	774.9	18.21	2.83	650W
		3	75	6.85	829.5	1027.8	24.12	3.23	750W
SAS 900/1100 grade - 160 FA									
 formwork ties		5/8	15	0.27	35.7	43.8	0.97	0.71	150FA
		3/4	20	0.49	63.6	77.6	1.72	0.91	200FA
		1	26.5	0.85	111.3	136.2	3.01	1.22	265FA
SAS 900/1050 grade - 160 FC									
 formwork ties		5/8	15	0.27	35.7	41.8	0.97	0.71	150FC
		3/4	20	0.49	63.6	74.2	1.72	0.91	200FC
		1	26.5	0.85	118.0	130.4	3.01	1.22	265FC
accessories for all dimensions and applications available									

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