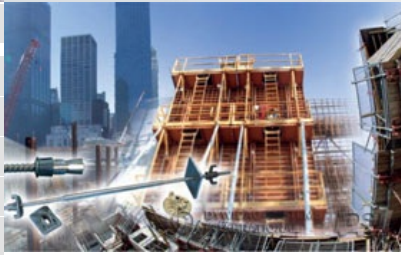


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- Loads



### Concrete Accessories

#### Load on Form Ties (P x A) In KIPS

lateral pressure

P in PSF

LOAD ON FORM TIES (PxA IN KIPS)

P in PSF	9	12	16	20	25	30	36	42	49	56	64
AREA SF (Spacing of Ties)	9 (3'x3')	12 (3'x4')	16 (4'x4')	20 (4'x5')	25 (5'x5')	30 (5'x6')	36 (6'x6')	42 (6'x7')	49 (7'x7')	56 (7'x8')	64 (8'x8')
3,000	27.0	36.0	48.0	60.0	75.0	90.0	108.0	126.0	147.0	168.0	192.0
2,900	26.1	34.8	46.4	58.0	72.5	87.0	104.4	121.8	142.1	162.4	185.6
2,800	25.2	33.6	44.8	56.0	70.0	84.0	100.8	117.6	137.2	156.8	179.2
2,700	24.3	32.4	43.2	54.0	67.5	81.0	97.2	113.4	132.3	151.2	172.8
2,600	23.4	31.2	41.6	52.0	65.0	78.0	93.6	109.2	127.4	145.6	166.4
2,500	22.5	30.0	40.0	50.0	62.5	75.0	90.0	105.0	122.5	140.0	160.0
2,400	21.6	28.8	38.4	48.0	60.0	72.0	86.4	100.8	117.6	134.4	153.6
2,300	20.7	27.6	36.8	46.0	57.5	69.0	82.8	96.6	112.7	128.8	147.2
2,200	19.8	26.4	35.2	44.0	55.0	66.0	79.2	92.4	107.8	123.2	140.8
2,100	18.9	25.2	33.6	42.0	52.5	63.0	75.6	88.2	102.9	117.6	134.4
2,000	18.0	24.0	32.0	40.0	50.0	60.0	72.0	84.0	98.0	112.0	128.0
1,900	17.1	22.8	30.4	38.0	47.5	57.0	68.4	79.8	93.1	106.4	121.6
1,800	16.2	21.6	28.8	36.0	45.0	54.0	64.8	75.6	88.2	100.8	115.2
1,700	15.3	20.4	27.2	34.0	42.5	51.0	61.2	71.4	83.3	95.2	108.8
1,600	14.4	19.2	25.6	32.0	40.0	48.0	57.6	67.2	78.4	89.6	102.4
1,500	13.5	18.0	24.0	30.0	37.5	45.0	54.0	63.0	73.5	84.0	96.0
1,400	12.6	16.8	22.0	28.0	35.0	42.0	50.4	58.8	68.6	78.4	89.6
1,300	11.7	15.6	20.8	26.0	32.5	39.0	46.8	54.6	63.7	72.8	83.2
1,200	10.8	14.4	19.2	24.0	30.0	36.0	43.2	50.4	58.8	67.2	76.8
1,100	9.9	13.2	17.6	22.0	27.5	33.0	39.6	46.2	53.9	61.6	70.4
1,000	9.0	12.0	16.0	20.0	25.0	30.0	36.0	42.0	49.0	56.0	64.0
900	8.1	10.8	14.4	18.0	22.5	27.0	32.4	37.8	44.1	40.4	57.6
800	7.2	9.6	12.8	16.0	20.0	24.0	28.8	33.6	39.2	44.8	51.2
700	6.3	8.4	11.2	14.0	17.5	21.0	25.2	29.4	34.3	39.2	44.8
600	5.4	7.2	9.6	12.0	15.0	18.0	21.6	25.2	29.4	33.6	38.4

special design required | 1" THREADBAR® SWL=63.7K | 7/8" THREADBAR® SWL=39.2K | 5/8" THREADBAR® SWL = 21.9 K

Use the appropriate DSI Ties for loads below their respective line. A safety factor of 2 has been applied to determine safe working loads (SWL) of ties.

Subject to modification.