

Tabla de cargas propuesta - Ensayo de fatiga a flexión

τ_{MAX} [MPa]	σ_{VM} [MPa]	Combinación de pesas	m_1 [g]	m_2 [g]	Fuerza [N]
7,68	15,00	(5) - (1+2+3+4)	30,9199	30,5071	22,411
14,07	27,49	(5) - (4+2+3)	30,9199	29,7489	41,081
20,22	39,52	(5+1) - (2+3+4)	31,6781	29,7489	59,045
27,55	53,84	(5) - (1+3+4)	30,9199	28,2102	80,438
34,46	67,33	(5) - (3+4)	30,9199	27,452	100,589
40,59	79,31	(5+1) - (3+4)	31,6781	27,452	118,489
45,69	89,29	(5+2) - (3+4+1)	33,2168	28,2102	133,393
52,56	102,71	(5+2) - (3+4)	33,2168	27,452	153,444
58,25	113,81	(5+1+2) - (3+4)	33,975	27,452	170,027
71,94	140,56	(5) - (1+2+4)	30,9199	23,653	209,979
80,05	156,42	(5) - (2+4)	30,9199	22,8948	233,656
86,06	168,17	(5+1) - (2+4)	31,6781	22,8948	251,201
97,24	190,00	(5) - (1+4)	30,9199	21,3561	283,807
106,09	207,29	(5) - (4)	30,9199	20,5979	309,622
111,99	218,82	(5+1) - (4)	31,6781	20,5979	326,833
114,74	224,19	(5+2) - (1+4)	33,2168	21,3561	334,857
121,16	236,74	(5+3) - (1+2+4)	37,774	23,653	353,587
123,46	241,22	(5+2) - (4)	33,2168	20,5979	360,285
128,87	251,80	(5+1+2) - (4)	33,975	20,5979	376,075
128,98	252,01	(5+3) - (4+2)	37,774	22,8948	376,385
133,72	261,28	(5+1+3) - (2+4)	38,5322	22,8948	390,225
145,45	284,19	(5+3) - (1+4)	37,774	21,3561	424,422
150,78	293,53	(5+3) - (4)	37,774	20,5979	449,033
151,13	293,57	(5+1+3) - (4)	38,5322	20,5979	462,486
151,19	293,57	(5+2+3) - (4+1)	40,0709	21,3561	464,580
151,81	293,66	(5+2+3) - (4)	40,0709	20,5979	488,748
152,12	293,71	(5+1+2+3) - (4)	40,8291	20,5979	501,194
152,48	293,78	(5+5) - (1+2+3+4)	61,8398	30,5071	516,782
152,79	293,84	(4) - (1+2+3)	20,5979	9,9092	531,565
152,83	293,85	(5+5) - (2+3+4)	61,8398	29,7489	533,216
152,98	293,89	(5+5+1) - (2+3+4)	62,598	29,7489	541,191
153,43	294,03	(5+5) - (1+3+4)	61,8398	28,2102	567,494
153,62	294,10	(3) - (1+2)	6,8541	3,0551	579,859
153,65	294,11	(4) - (2+3)	20,5979	9,151	582,518
153,68	294,13	(5+5) - (3+4)	61,8398	27,452	584,773
153,76	294,17	(5+5+2) - (1+3+4)	64,1367	28,2102	590,694
153,79	294,18	(5+5+1) - (3+4)	62,598	27,452	592,507
153,94	294,26	(4+1) - (2+3)	21,3561	9,151	605,195
153,97	294,28	(5+5+2) - (3+4)	64,1367	27,452	607,773
154,05	294,34	(5+5+1+2) - (3+4)	64,8949	27,452	615,104
154,49	294,93	(5+5) - (2+1+4)	61,8398	23,653	676,127
154,53	295,18	(4) - (3+1)	20,5979	7,6123	694,373
154,53	295,20	(5+5) - (2+4)	61,8398	22,8948	695,340
154,54	295,31	(5+5+1) - (2+4)	62,598	22,8948	702,469
154,52	295,99	(5+5) - (1+4)	61,8398	21,3561	735,377
154,51	296,04	(5+5+3) - (1+2+4)	68,6939	23,653	737,391

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154,48	296,40	(3) - (2)	6,8541	2,2969	749,475
154,47	296,56	(4) - (3)	20,5979	6,8541	754,107
154,47	296,58	(4+2) - (3+1)	22,8948	7,6123	754,671
154,46	296,62	(5+5) - (4)	61,8398	20,5979	755,678
154,46	296,62	(5+5+3) - (2+4)	68,6939	22,8948	755,678
154,46	296,63	(5+5+2) - (1+4)	64,1367	21,3561	755,960
154,46	296,69	(2) - (1)	2,2969	0,7582	757,611
154,45	296,85	(5+5+3+1) - (2+4)	69,4521	22,8948	761,801
154,45	296,88	(5+5+1) - (4)	62,598	20,5979	762,485
154,45	297,43	(1+4) - (3)	21,3561	6,8541	774,005
154,45	297,51	(5) - (1+2+3)	30,9199	9,9092	775,294
154,46	297,54	(5+5+2) - (4)	64,1367	20,5979	775,898
154,49	297,94	(5+5+1+2) - (4)	64,8949	20,5979	782,343
154,64	298,85	(5+5+3) - (1+4)	68,6939	21,3561	793,702
155,07	300,33	(3+1) - (2)	7,6123	2,2969	806,349
155,35	301,13	(2+4) - (3)	22,8948	6,8541	811,304
155,35	301,13	(5+5+2+3) - (1+4)	70,9908	21,3561	811,344
155,46	301,42	(5+5+3) - (4)	68,6939	20,5979	812,955
155,86	302,41	(5) - (2+3)	30,9199	9,151	817,748
155,96	302,64	(5+5+1+3) - (4)	69,4521	20,5979	818,755
157,22	305,33	(1+2+4) - (3)	23,653	6,8541	828,301
157,55	306,01	(5+5+2+3) - (4)	70,9908	20,5979	830,235
157,57	306,05	(5+1) - (2+3)	31,6781	9,151	830,356
158,61	308,14	(5+5+1+2+3) - (4)	71,749	20,5979	835,753
183,66	356,27	(5) - (1+3)	30,9199	7,6123	909,021
197,49	381,96	(5+2) - (3+1)	33,2168	7,6123	942,090
203,84	393,72	(5) - (3)	30,9199	6,8541	956,752
208,37	402,09	(5+1) - (3)	31,6781	6,8541	967,386
216,86	418,05	(5+2) - (3)	33,2168	6,8541	987,686
219,36	422,03	(5+1+2) - (3)	33,975	6,8541	997,152
224,44	430,54	(5+4) - (1+2+3)	51,5178	9,9092	1017,654