



Cód. da Grade	Barra Portante (HxE)mm.	Peso (Kg/m2)			L - Vão (mm) Q - Carga Distribuída (Kg) F - Flecha (mm)																		
					A	B	C	L	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
		M30A-253	25 x 3	28.2	23.9	22.5	Q	14840	8370	5380	3750	2760	2120	1490	1090	820	640	500	400	330	270	230	210
M30B-253	F	0.6		1.0	1.6	2.2	3.1	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-253																							
M30A-323	32 x 3	33.7	29.4	28.0	Q	23250	13120	8430	5870	4330	3320	2630	2140	1620	1250	990	790	650	530	450	410	350	280
M30B-323		F	0.4	0.8	1.2	1.8	2.4	3.2	4.0	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-323																							
M30A-383	38 x 3	38.4	34.1	32.7	Q	33380	18840	12100	8430	6210	4770	3780	3070	2550	2150	1700	1360	1110	920	770	710	610	480
M30B-383		F	0.4	0.7	1.0	1.5	2.0	2.7	3.4	4.2	5.0	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-383																							
M30A-443	44 x 3	43.1	38.8	37.4	Q	45540	25700	16500	11500	8470	6510	5160	4190	3480	2930	2500	2170	1770	1460	1220	1130	960	760
M30B-443		F	0.3	0.6	0.9	1.3	1.7	2.3	2.9	3.6	4.3	5.1	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-443																							
M30A-503	50 x 3	47.8	43.5	42.1	Q	59340	33490	21500	14980	11040	8480	6720	5460	4530	3820	3260	2820	2470	2180	1820	1680	1440	1130
M30B-503		F	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.8	4.5	5.3	6.1	7.0	8.0	8.5	9.0	9.5	10.0			
M30C-503																							
M30A-255	25 x 5	44.7	37.9	35.6	Q	22280	12570	8070	5620	4150	3180	2240	1640	1240	960	750	610	490	410	340	320	270	210
M30B-255		F	0.6	1.0	1.6	2.2	3.1	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-255																							
M30A-325	32 x 5	53.4	46.6	44.4	Q	34920	19710	12650	8810	6500	4990	3960	3210	2430	1880	1480	1190	970	800	670	620	530	420
M30B-325		F	0.4	0.8	1.2	1.8	2.4	3.2	4.0	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-325																							
M30A-385	38 x 5	60.9	54.1	51.8	Q	50120	28290	18160	12650	9330	7160	5680	4610	3830	3230	2550	2040	1670	1380	1150	1070	910	710
M30B-385		F	0.4	0.7	1.0	1.5	2.0	2.7	3.4	4.2	5.0	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-385																							
M30A-445	44 x 5	68.3	61.5	59.3	Q	63380	38590	24780	17260	12720	9770	7750	6300	5220	4400	3760	3250	3660	2200	1840	1700	1450	1140
M30B-445		F	0.3	0.6	0.9	1.3	1.7	2.3	2.9	3.6	4.3	5.1	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-445																							
M30A-505	50 x 5	75.8	69.0	66.8	Q	89110	50290	32290	22500	16850	12740	10100	8200	6800	5730	4900	4240	3700	3270	2730	2530	2150	1690
M30B-505		F	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.8	4.5	5.3	6.1	7.0	8.0	8.5	9.0	9.5	10.0			
M30C-505																							
M30A-256	25 x 6	59.6	50.6	47.5	Q	29720	16770	10770	7500	5530	4250	2990	2190	1650	1280	1010	810	660	550	460	420	360	280
M30B-256		F	0.6	1.0	1.6	2.2	3.1	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-256																							
M30A-326	32 x 6	71.2	62.2	59.2	Q	46580	26290	16880	11760	8670	6660	5280	4290	3240	2500	1970	1590	1290	1070	890	830	710	550
M30B-326		F	0.4	0.8	1.2	1.8	2.4	3.2	4.0	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-326																							
M30A-386	38 x 6	81.2	72.1	69.1	Q	66870	37740	24230	16880	12440	9770	7750	6300	5220	4400	3760	3250	3660	2200	1840	1700	1450	1140
M30B-386		F	0.4	0.7	1.0	1.5	2.0	2.7	3.4	4.2	5.0	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-386																							
M30A-446	44 x 6	91.2	82.1	79.1	Q	91220	51480	33050	23030	16970	13040	10330	8400	6960	5870	5020	4340	3540	2930	2450	2270	1930	1520
M30B-446		F	0.3	0.6	0.9	1.3	1.7	2.3	2.9	3.6	4.3	5.1	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.0			
M30C-446																							
M30A-506	50 x 6	101.1	92.1	89.0	Q	118870	67080	43070	30010	22120	16990	13470	10940	9070	7650	6540	5660	4940	4360	3640	3370	2870	2260
M30B-506		F	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.8	4.5	5.3	6.1	7.0	8.0	8.5	9.0	9.5	10.0			
M30C-506																							
M30A-636	63 x 6	133.3	118.9	114.1	Q	185740	104820	67300	46890	34560	26550	21040	17100	14180	11950	10220	8840	7720	6810	6050	5410	4870	4410
M30B-636		F	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.0	3.6	4.2	4.9	5.6	6.4	7.2	7.4	8.2	10.0			
M30C-636																							
M30A-766	76 x 6	154.9	140.5	135.7	Q	267460	150940	96920	67520	49770	38230	30300	24620	20410	17210	14710	12720	11120	9800	8710	7790	7020	6350
M30B-766		F	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.5	4.1	4.7	5.3	6.0	6.2	6.9	8.3			
M30C-766																							
M30A-1026	102 x 6	207.1	188.2	181.9	Q	475490	268340	172300	120040	88480	67960	53870	43770	36290	30590	26150	22620	19770	17430	15490	13860	12470	11290
M30B-1026		F	0.1	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.5	4.0	4.5	4.6	5.2	6.2			
M30C-1026																							
M30A-508	50 x 8	127.4	116.0	112.2	Q	148640	83880	53860	37520	27660	21240	16840	13680	11340	9560	8170	7070	6180	5450	4560	4210	3590	2820
M30B-508		F	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.8	4.5	5.3	6.1	7.0	8.0	8.5	9.0	9.5	10.0			
M30C-508																							
M30A-638	63 x 8	167.9	149.8	143.8	Q	232250	131070	84160	58630	43220	33190	26310	21380	17730	14940	12770	11050	9650	8510	7560	6770	6090	5520
M30B-638		F	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.0	3.6	4.2	4.9	5.6	6.4	7.2	7.4	8.2	10.0			
M30C-638																							
M30A-768	76 x 8	195.1	177.0	171.0	Q	334440	188730	121180	84430	62230	47800	37890	30790	25530	21520	18390	15910	13900	12260	10890	9750	8770	7940
M30B-768		F	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.5	4.1	4.7	5.3	6.0	6.2	6.9	8.3			
M30C-768																							
M30A-1028	102 x 8	260.9	237.1	229.2	Q	594550	335530	215440	150100	110630	84980	67360	54730	45380	38250	32700	28280	24720	21790	19360	17330	15600	14120
M30B-1028		F	0.1	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.5	4.0	4.5	4.6	5.2	6.2			
M30C-1028																							
M30A-509	50 x 9	151.6	138.0	133.5	Q	178220	100570	64580	44990	33160	25470	20190	16410	13600	11470	9800	8480	7410	6530	5460	5050	4310	3390
M30B-509		F	0.3	0.5	0.8	1.1	1.5	2.0	2.5	3.1	3.8	4.5	5.3	6.1	7.0	8.0	8.5	9.0	9.5	10.0			
M30C-509																							
M30A-639	63 x 9	199.8	178.3	171.1	Q	278460	157150	100900	70300	51810	39800	31550	25640	21250	17920	15310	13250	11580	10210	9070	8110	7310	6610
M30B-639		F	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.0	3.6	4.2	4.9	5.6	6.4							