

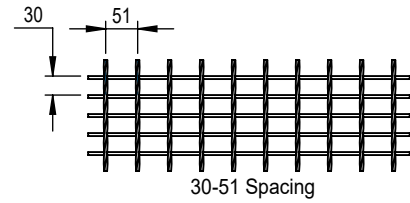
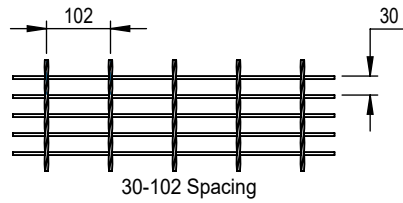


BAR GRATING - HD 30

30-102/30/51

30mm

METRIC - TYPE 30-102/30-51 SPACING



VANCOUVER

19082-28th Avenue
Surrey, BC
Canada V3S 6M3
TF: 877.687.3488

CALGARY

7571-57th Street SE
Calgary, AB
Canada T2C 5M2
TF: 877.857.0323

EDMONTON

#54-1015 Eby Road SW
Edmonton, AB
Canada T6X 2N9
TF: 877.857.0323

TORONTO

#5-5655 Kennedy Rd
Mississauga, ON
Canada L4Z 3E1
TF: 877.564.3381

MONTREAL

440 Rue Stinson
Saint Laurent, QC
Canada H4N 2E9
TF: 855.325.3826

TABLE OF SAFE LOADS

U - Safe Uniform Load, in kPa

C - Safe Concentrated Load, in kN/m

For serrated surface, increase depth by 7mm for proper load rate.

GENERAL

Loads and Deflection are theoretical and based on static loading.

SIZE OF BEARING BAR		APPROXIMATE WT/KG/M2		HD TYPE 30-102																SEC. MOD. PER 305mm OF WIDTH
				SPAN IN MILLIMETERS																
				TYPE 30-102	TYPE 30-51	305	457	610	762	914	1067	1219	1372	1524	1676	1829	1981	2134	2286	
25 X 6.4	45.89	51.27	U	269	120	67	43	30	22	17	13	11	9	7	6	5	4	7.085		
			C	41	27	20	16	14	12	10	9	8	7	7	6	5	5			
25 X 7.9	60.54	65.91	U	336	149	84	54	37	27	21	17	13	11	9	8	7	6	8.823		
			C	51	34	26	20	17	15	13	11	10	9	9	8	7	7		6	
25 X 9.5	67.38	72.75	U	404	179	101	65	45	33	25	20	16	13	11	10	8	22	21	10.594	
			C	61	41	31	25	20	18	15	14	12	11	10	9	9	8	8		8
32 X 6.4	56.64	62.01	U	420	187	105	67	47	34	26	21	17	14	12	10	9	7	7	11.070	
			C	64	43	32	26	21	18	16	14	13	12	11	10	9	9	8		8
32 X 7.9	74.70	80.07	U	525	233	131	84	58	43	33	26	21	17	15	12	11	9	8	13.809	
			C	80	53	40	32	27	23	20	18	16	15	13	12	11	11	10		
32 X 9.5	83.49	88.86	U	630	280	158	101	70	51	39	31	25	21	18	15	13	11	10	16.548	
			C	96	64	48	38	32	27	24	21	19	17	16	15	14	13	12		
38 X 6.4	67.38	72.75	U	605	269	151	97	67	49	38	30	24	20	17	14	12	11	9	15.941	
			C	92	61	46	37	31	26	23	20	18	17	15	14	13	12	12		
38 X 7.9	88.37	93.74	U	756	336	189	121	84	62	47	37	30	25	21	18	15	13	12	19.877	
			C	115	77	58	46	38	33	29	26	23	21	19	18	16	15	14		
38 X 9.5	99.60	104.97	U	908	403	227	145	101	74	57	45	36	30	25	21	19	16	14	23.829	
			C	138	92	69	55	46	39	35	31	28	25	23	21	20	18	17		
44 X 6.4	78.12	83.49	U	823	366	206	132	91	67	51	41	33	27	23	19	17	15	13	21.697	
			C	125	84	63	50	42	36	31	28	25	23	21	19	18	17	16		
44 X 7.9	102.53	107.90	U	1029	457	257	165	114	84	64	51	41	34	29	24	21	18	16	27.076	
			C	157	105	78	63	52	45	39	35	31	28	26	24	22	21	20		
44 X 9.5	115.71	121.08	U	1235	549	309	198	137	101	77	61	49	41	34	29	25	22	19	32.439	
			C	188	125	94	75	63	54	47	42	38	34	31	29	27	25	24		
51 X 6.4	89.35	94.72	U	1075	478	269	172	120	88	67	53	43	36	30	25	22	19	17	28.339	
			C	164	109	82	66	55	47	41	36	33	30	27	25	23	22	20		
51 X 7.9	116.20	121.57	U	1344	594	336	215	149	110	84	66	54	44	37	32	27	24	21	35.358	
			C	205	137	102	82	68	59	51	45	41	37	34	31	29	27	26		
51 X 9.5	131.82	137.20	U	1613	717	403	258	179	132	101	80	65	53	45	38	33	29	25	42.361	
			C	246	164	123	98	82	70	61	55	49	45	41	38	35	33	31		
57 X 6.4	100.09	105.46	U	1362	605	340	218	151	111	85	67	54	40	38	32	28	24	21	44.280	
			C	207	138	104	83	69	59	52	46	41	38	35	32	30	28	26		
57 X 7.9	123.52	129.38	U	1702	756	425	272	189	139	106	84	68	56	47	40	35	30	27	55.252	
			C	259	173	130	104	87	74	65	58	52	47	43	40	37	35	32		
57 X 9.5	146.96	152.82	U	2042	907	510	327	227	167	128	101	82	67	57	53	42	36	32	66.190	
			C	311	207	155	124	104	89	78	69	62	57	52	48	44	41	39		
64 X 6.4	110.83	116.20	U	1681	747	420	269	187	137	105	83	67	56	47	40	34	30	26	44.280	
			C	256	171	128	102	85	73	64	57	51	47	43	39	37	34	32		
64 X 7.9	144.03	149.40	U	2580	934	525	336	233	172	131	104	84	69	58	50	43	37	33	55.252	
			C	320	213	160	128	107	91	80	71	64	58	53	49	46	43	40		
64 X 9.5	164.05	169.42	U	2521	1120	630	403	280	206	158	124	101	83	70	60	51	45	39	66.190	
			C	384	256	192	154	128	110	96	85	77	70	64	59	55	51	48		
76 X 6.4	132.31	137.68	U	2420	1075	605	387	269	198	151	120	97	80	67	57	49	43	38	63.780	
			C	369	246	184	147	123	105	92	82	74	67	61	57	53	49	46		
76 X 7.9	195.78	201.15	U	3025	1344	756	484	336	247	189	149	121	100	84	72	62	54	47	79.573	
			C	461	307	230	184	154	132	115	102	92	84	77	71	66	61	58		
76 X 9.5	153.80	159.17	U	3630	1613	908	581	403	296	227	179	145	120	101	86	74	65	57	95.333	
			C	553	369	276	221	184	158	138	123	111	101	92	85	79	74	69		
89 X 6.4	153.80	159.17	U	3294	1464	824	527	366	269	206	163	132	109	91	78	67	59	51	86.805	
			C	502	334	251	201	167	143	125	111	100	91	84	77	72	67	63		
89 X 7.9	199.20	204.57	U	4118	1830	1029	659	458	336	257	203	165	136	114	97	84	73	64	108.306	
			C	627	418	314	251	209	179	157	139	125	114	105	96	90	84	78		
89 X 9.5	228.01	233.38	U	4941	2196	1235	791	549	403	309	244	198	163	137	117	101	88	77	129.740	
			C	753	502	376	301	251	215	188	167	151	137	125	116	108	100	94		
102 X 6.4	188.46	193.83	U	4303	1912	1076	688	478	351	269	212	172	142	120	102	88	76	67	114.800	
			C	655	437	328	262	218	187	164	146	131	119	109	96	84	77	72		
102 X 7.9	227.03	232.40	U	5378	2390	1345	861	598	439	336	266	215	178	149	127	110	96	84	141.450	
			C	819	546	410	328	273	234	205	182	164	149	137	126	117	109	102		
102 X 9.5	279.90	279.27	U	6454	2868	1613	1033	717	527	403	319	258	213	179	153	132	115	101	171.314	
			C	983	655	491	393	328	281	246	218	197	179	164	151	140	131	123		

Maximum allowable fiber stress of 124 M.P.A.

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