

GW, SGW, GAA, GCC Series Panel Widths									1-3/16" CTC Bearing Bars		
No. Bars	GW, GW-2 GAA, GBB	SGW, SGW-2 GCC, GDD	No. Bars	GW, GW-2 GAA, GBB	SGW, SGW-2 GCC, GDD	No. Bars	GW, GW-2 GAA, GBB	SGW, SGW-2 GCC, GDD	No. Bars	GW, GW-2 GAA, GBB	SGW, SGW-2 GCC, GDD
2	1-3/8"	1-1/8"	15	16-13/16"	13-5/16"	28	32-1/4"	25-1/2"			
3	2-9/16"	2-1/16"	16	18"	14-1/4"	29	33-7/16"	26-7/16"			
4	3-3/4"	3"	17	19-3/16"	15-3/16"	30	34-5/8"	27-3/8"			
5	4-15/16"	3-15/16"	18	20-3/8"	16-1/8"	31	35-13/16"	28-5/16"			
6	6-1/8"	4-7/8"	19	21-9/16"	17-1/16"	32		29-1/4"			
7	7-5/16"	5-13/16"	20	22-3/4"	18"	33		30-3/16"			
8	8-1/2"	6-3/4"	21	23-15/16"	18-15/16"	34		31-1/8"			
9	9-11/16"	7-11/16"	22	25-1/8"	19-7/8"	35		32-1/16"			
10	10-7/8"	8-5/8"	23	26-5/16"	20-13/16"	36		33"			
11	12-1/16"	9-9/16"	24	27-1/2"	21-3/4"	37		33-15/16"			
12	13-1/4"	10-1/2"	25	28-11/16"	22-11/16"	38		34-7/8"			
13	14-7/16"	11-7/16"	26	29-7/8"	23-5/8"	39		35-13/16"			
14	15-5/8"	12-3/8"	27	31-1/16"	24-9/16"						

STOCK SIZE
 Maximum width indicated. Wider areas will be made in two or more panels. GW & SGW panels are available up to 48" wide by special order—please inquire!
 All other widths are cut-to-size.
 Deduct 1/16" from width for 1/8" bearing bars. NOTE: WIDTH AND LENGTH TOLERANCE ±1/4"

SERIES	GW(19W4)		GW-2(19W2)		SGW(15W4)		SGW-2(15W2)	
Bearing Bar Size	Item No.	#/SF	Item No.	#/SF	Item No.	#/SF	Item No.	#/SF
3/4" x 1/8"	GW-75A	4.1	GW-75A-2	5.0	SGW-75A	5.0	SGW-75A-2	5.9
3/4" x 3/16"	GW-75	5.8	GW-75-2	6.7	SGW-75	7.2	SGW-75-2	8.1
1" x 1/8"	GW-100A	5.2	GW-100A-2	6.1	SGW-100A	6.4	SGW-100A-2	7.3
1" x 3/16"	GW-100	7.5	GW-100-2	8.4	SGW-100	9.3	SGW-100-2	10.2
1-1/4" x 1/8"	GW-125A	6.3	GW-125A-2	7.2	SGW-125A	7.9	SGW-125A-2	8.8
1-1/4" x 3/16"	GW-125	9.1	GW-125-2	10.0	SGW-125	11.3	SGW-125-2	12.2
1-1/2" x 1/8"	GW-150A	7.4	GW-150A-2	8.3	SGW-150A	9.3	SGW-150A-2	10.2
1-1/2" x 3/16"	GW-150	10.8	GW-150-2	11.7	SGW-150	13.5	SGW-150-2	14.4
1-3/4" x 3/16"	GW-175	12.5	GW-175-2	13.4	SGW-175	15.6	SGW-175-2	16.5
2" x 3/16"	GW-200	14.1	GW-200-2	15.0	SGW-200	17.7	SGW-200-2	18.6
2-1/4" x 3/16"	GW-225	15.8	GW-225-2	16.7	SGW-225	19.8	SGW-225-2	20.7
2-1/2" x 3/16"	GW-250	17.4	GW-250-2	18.3	SGW-250	21.9	SGW-250-2	22.8

GW, GW-2, GAA & GBB Series Steel												LOAD TABLE			
Bearing Bar Size	SPAN	(1-3/16" Center to Center Bar Spacings)													
		2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	8'-0"		
3/4" x 1/8"	U	355	227	158	116	89	70	Unit Stress 18,000 lbs per sq. inch U - Uniform Load-Pounds per Sq. Ft. C - Concentrated Load-Pounds per Ft. width at mid span D - Deflection-Inches						Load Table on www.mcnichols.com	
	D	.099	.155	.223	.304	.397	.503								
	C	355	284	237	203	178	158								
3/4" x 3/16"	U	533	341	237	174	133	105	GAA & GBB not designed for wheel traffic							
	D	.099	.155	.223	.304	.397	.503								
	C	533	426	355	305	266	237								
1" x 1/8"	U	632	404	281	206	158	125	101	84	70	GAA & GBB not designed for wheel traffic				
	D	.074	.116	.168	.228	.298	.377	.466	.563	.670					
	C	632	505	421	361	316	281								
1" x 3/16"	U	947	606	421	309	237	187	152	125	105	GAA & GBB not designed for wheel traffic				
	D	.074	.116	.168	.228	.298	.377	.466	.563	.670					
	C	947	758	632	541	474	421								
1-1/4" x 1/8"	U	987	632	439	322	247	195	158	130	110	93	81			
	D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730			
	C	987	789	658	564	493	439								
1-1/4" x 3/16"	U	1480	947	658	483	370	292	237	196	164	140	121			
	D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730			
	C	1480	1184	987	846	740	658								
1-1/2" x 1/8"	U	1421	909	632	464	355	281	227	188	158	135	116			
	D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608			
	C	1421	1137	947	812	711	632								
1-1/2" x 3/16"	U	2132	1364	947	696	533	421	341	282	237	202	174			
	D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608			
	C	2132	1705	1421	1218	1066	947								
1-3/4" x 3/16"	U	2901	1857	1289	947	725	573	464	384	322	275	237			
	D	.043	.067	.096	.130	.170	.215	.266	.322	.383	.450	.521			
	C	2901	2321	1934	1658	1451	1289								
2" x 3/16"	U	3789	2425	1684	1237	947	749	606	501	421	359	309			
	D	.037	.058	.084	.114	.149	.189	.233	.282	.335	.393	.456			
	C	3789	3032	2526	2165	1895	1684								
2-1/4" x 3/16"	U	4796	3069	2132	1566	1199	947	767	634	533	454	392			
	D	.033	.052	.074	.101	.132	.168	.207	.250	.298	.350	.406			
	C	4796	3837	3197	2741	2398	2132								
2-1/2" x 3/16"	U	5921	3789	2632	1933	1480	1170	947	783	658	561	483			
	D	.030	.047	.067	.091	.119	.151	.186	.225	.268	.315	.365			
	C	5921	4737	3947	3383	2961	2632								

Spans in shaded area produce a deflection of 1/4" or less under a uniform load of 100 pounds per square foot. This deflection is recommended as the maximum to provide pedestrian comfort. It can be exceeded at the discretion of the engineer.

CONVERSION TABLE										
Series	SGW, SGW-2, GCC, GDD	GCM-1	GCM-2	GCM-3	GCM-4	GCM-5	GM GO	GQ GR	GWH	GV
Load Factor	1.27	2.70	2.35	1.90	1.72	1.45	1.15	1.61	.82	.58