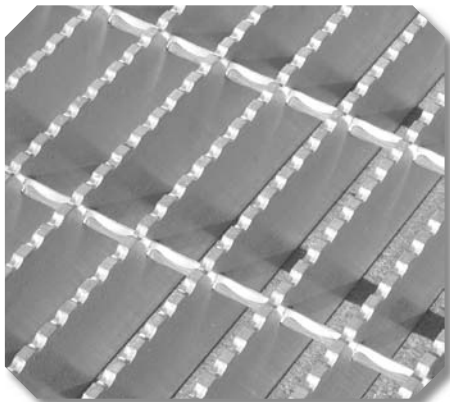


Heavy Duty Welded Steel Load Table

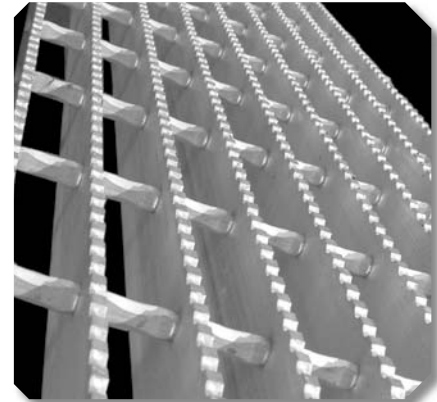
BEARING BARS 1-3/16" ON CENTER, CROSS BARS 4" OR 2" ON CENTER.



BEARING BAR SIZE	1 TON FORKLIFT	3 TON FORKLIFT	5 TON FORKLIFT	AUTO TRAFFIC	H-10 TRUCK	H-15 TRUCK	H-20 TRUCK	WEIGHT LBS. PER SQ. FT. (19W4)	SECTION MOD. PER FT. OF WIDTH
	MAXIMUM SAFE CLEAR SPAN								
1 X 1/4	0'-6"	0'-6"	0'-8"	1'-3"	0'-8"	0'-10"	0'-11"	9.9	0.437
1-1/4 X 1/4	0'-10"	0'-8"	0'-9"	2'-0"	0'-10"	1'-0"	1'-2"	12.1	0.684
1-1/4 X 5/16	1'-0"	0'-9"	1'-10"	2'-3"	1'-11"	1'-1"	1'-3"	15.1	0.822
1-1/4 X 3/8	1'-2"	0'-10"	1'-0"	2'-5"	1'-0"	1'-2"	1'-5"	17.9	0.987
1-1/2 X 1/4	1'-1"	0'-10"	0'-11"	2'-7"	1'-0"	1'-2"	1'-4"	14.3	0.984
1-1/2 X 5/16	1'-4"	0'-11"	1'-1"	2'-11"	1'-2"	1'-4"	1'-6"	18.4	1.230
1-1/2 X 3/8	1'-7"	1'-1"	1'-2"	3'-2"	1'-4"	1'-6"	1'-8"	21.7	1.477
1-3/4 X 1/4	1'-6"	1'-0"	1'-2"	3'-3"	1'-3"	1'-5"	1'-7"	16.5	1.340
1-3/4 X 5/16	1'-10"	1'-3"	1'-4"	3'-8"	1'-5"	1'-7"	1'-9"	21.2	1.675
1-3/4 X 3/8	2'-2"	1'-5"	1'-6"	4'-0"	1'-8"	1'-9"	1'-11"	25.0	2.001
2 X 1/4	1'-10"	1'-3"	1'-4"	4'-0"	1'-6"	1'-8"	1'-10"	18.7	1.750
2 X 5/16	2'-4"	1'-6"	1'-7"	4'-4"	1'-9"	1'-11"	2'-1"	24.0	2.188
2 X 3/8	2'-9"	1'-7"	1'-10"	4'-7"	2'-1"	2'-2"	2'-4"	28.3	2.625
2-1/4 X 1/4	2'-4"	1'-6"	1'-7"	4'-6"	1'-9"	1'-11"	2'-1"	20.9	2.215
2-1/4 X 5/16	2'-11"	1'-10"	1'-11"	4'-11"	2'-2"	2'-3"	2'-5"	26.7	2.769
2-1/4 X 3/8	3'-5"	2'-2"	2'-2"	5'-2"	2'-6"	2'-7"	2'-8"	31.7	3.322
2-1/2 X 1/4	2'-10"	1'-10"	1'-10"	5'-0"	2'-1"	2'-3"	2'-4"	23.1	2.734
2-1/2 X 5/16	3'-6"	2'-3"	2'-3"	5'-5"	2'-7"	2'-7"	2'-9"	29.5	3.412
2-1/2 X 3/8	4'-2"	2'-7"	2'-7"	5'-9"	3'-0"	3'-0"	3'-2"	35.0	4.102
3 X 1/4	4'-1"	2'-6"	2'-6"	6'-0"	2'-11"	2'-11"	3'-1"	27.5	3.937
3 X 5/16	4'-9"	3'-1"	3'-0"	6'-6"	3'-6"	3'-6"	3'-7"	35.0	4.922
3 X 3/8	5'-1"	3'-8"	3'-7"	6'-11"	4'-2"	4'-1"	4'-2"	42.1	5.906
3-1/2 X 1/4	5'-2"	3'-4"	3'-3"	7'-1"	3'-9"	3'-9"	3'-10"	31.9	5.157
3-1/2 X 5/16	5'-7"	4'-1"	4'-0"	7'-7"	4'-8"	4'-7"	4'-8"	40.4	6.700
3-1/2 X 3/8	5'-11"	4'-10"	4'-8"	8'-1"	5'-1"	5'-0"	5'-0"	48.1	8.040
4 x 1/4	5'-11"	4'-3"	4'-2"	8'-1"	4'-8"	4'-9"	4'-10"	36.3	7.000
4 x 5/16	6'-5"	5'-3"	5'-1"	8'-8"	5'-6"	5'-5"	5'-5"	45.9	8.750
4 x 3/8	6'-9"	5'-8"	5'-6"	9'-5"	5'-10"	5'-9"	5'-9"	54.7	10.500



NOTE: When gratings with serrated bearing bars are selected, the depth of grating required to service a specified load will be 1/4" greater than that shown in the tables above.



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