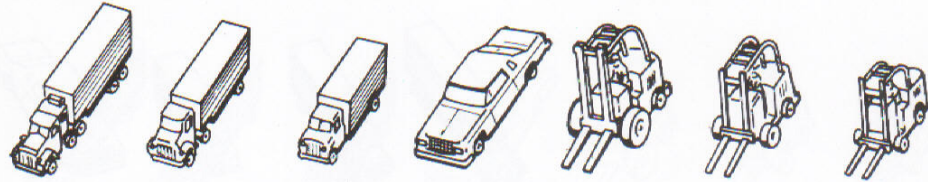


HEAVY DUTY GRATING W-19-4

GFI

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



BEARING BAR SIZE	WT. LBS. PER SQ. FT.	SECTION MOD. PER FT. OF WIDTH	H-20 TRUCK	H-15 TRUCK	H-10 TRUCK	AUTO TRAFFIC	5 TON FORK LIFT	3 TON FORK LIFT	1 TON FORK LIFT
			MAXIMUM SAFE SPAN						
1 x 1/4	10.1	0.441	0'-10"	0'-10"	0'-8"	1'-5"	0'-8"	0'-6"	0'-7"
1 x 5/16	12.3	0.546	0'-11"	0'-11"	0'-8"	1'-7"	0'-8"	0'-7"	0'-8"
1 x 3/8	14.6	0.662	0'-11"	0'-11"	0'-10"	1'-9"	0'-9"	0'-8"	0'-9"
1-1/4 x 1/4	12.3	0.683	0'-11"	1'-0"	0'-10"	2'-0"	0'-9"	0'-8"	0'-10"
1-1/4 x 5/16	15.1	0.851	1'-1"	1'-1"	0'-11"	2'-3"	0'-10"	0'-9"	1'-0"
1-1/4 x 3/8	17.8	1.029	1'-2"	1'-2"	1'-0"	2'-5"	1'-0"	0'-10"	1'-2"
1-1/2 x 1/4	14.6	0.987	1'-1"	1'-2"	1'-0"	2'-7"	0'-11"	0'-10"	1'-1"
1-1/2 x 5/16	15.1	1.229	1'-4"	1'-4"	1'-2"	2'-11"	1'-1"	0'-11"	1'-4"
1-1/2 x 3/8	21.2	1.481	1'-5"	1'-6"	1'-4"	3'-2"	1'-2"	1'-1"	1'-7"
1-3/4 x 1/4	16.8	1.344	1'-4"	1'-5"	1'-3"	3'-3"	1'-2"	1'-0"	1'-6"
1-3/4 x 5/16	20.7	1.680	1'-6"	1'-7"	1'-5"	3'-8"	1'-4"	1'-3"	1'-10"
1-3/4 x 3/8	24.5	2.006	1'-8"	1'-9"	1'-8"	4'-0"	1'-6"	1'-5"	2'-1"
2 x 1/4	19.0	1.754	1'-6"	1'-8"	1'-6"	4'-0"	1'-4"	1'-3"	1'-10"
2 x 5/16	23.5	2.184	1'-9"	1'-11"	1'-9"	4'-5"	1'-7"	1'-6"	2'-4"
2 x 3/8	27.9	2.625	2'-0"	2'-2"	2'-1"	4'-10"	1'-10"	1'-9"	2'-9"
2-1/2 x 1/4	23.5	2.730	2'-0"	2'-3"	2'-1"	5'-7"	1'-10"	1'-10"	2'-10"
2-1/2 x 5/16	29.1	3.423	2'-4"	2'-7"	2'-7"	6'-2"	2'-3"	2'-3"	3'-6"
2-1/2 x 3/8	34.6	4.106	2'-8"	2'-9"	3'-0"	6'-9"	2'-7"	2'-7"	4'-3"
3 x 1/4	27.9	3.938	2'-7"	2'-11"	2'-11"	7'-4"	2'-6"	2'-6"	4'-1"
3 x 5/16	34.6	4.925	3'-0"	3'-6"	3'-6"	8'-2"	3'-0"	3'-1"	5'-0"
3 x 3/8	41.3	5.912	3'-5"	4'-1"	4'-2"	8'-11"	3'-7"	3'-8"	5'-7"
3-1/2 x 1/4	32.4	5.355	3'-2"	3'-9"	3'-9"	9'-2"	3'-3"	3'-4"	5'-5"
3-1/2 x 5/16	40.2	6.699	3'-9"	4'-7"	4'-8"	10'-3"	4'-0"	4'-1"	6'-6"
3-1/2 x 3/8	48.0	8.043	4'-5"	5'-4"	5'-6"	11'-3"	4'-8"	4'-10"	7'-1"
4 x 1/4	36.8	7.004	3'-11"	4'-9"	4'-10"	11'-3"	4'-2"	4'-3"	7'-1"
4 x 5/16	45.8	8.747	4'-8"	5'-10"	5'-11"	12'-7"	5'-1"	5'-3"	7'-11"
4 x 3/8	54.7	10.500	5'-6"	6'-9"	7'-1"	13'-9"	6'-0"	6'-3"	9'-8"
5 x 1/4	45.8	10.941	5'-8"	7'-1"	7'-4"	15'-8"	6'-3"	6'-6"	9'-11"
5 x 3/8	68.1	16.412	8'-1"	8'-10"	9'-8"	19'-3"	8'-10"	9'-2"	12'-1"
5 x 1/2	90.4	21.871	9'-5"	10'-10"	11'-2"	---	10'-3"	10'-8"	14'-0"
6 x 1/4	54.7	15.750	7'-10"	10'-0"	10'-5"	11'-11"	8'-9"	9'-4"	13'-0"
6 x 3/8	81.5	23.625	10'-9"	12'-4"	12'-9"	14'-7"	11'-8"	12'-1"	15'-11"
6 x 1/2	108.2	31.500	12'-5"	---	---	---	13'-5"	14'-0"	18'-5"

*Span limited by deflection.