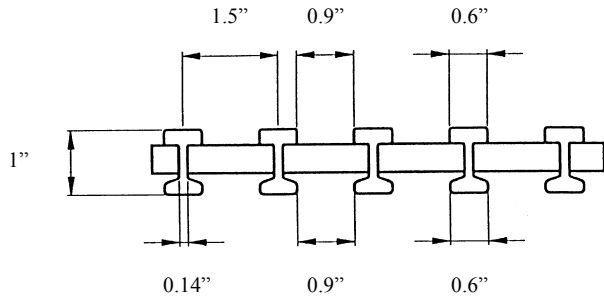


DRAFT

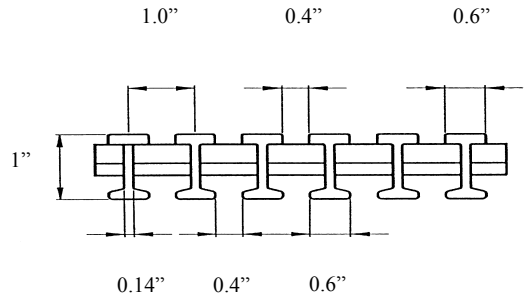
STANDARD PULTRUDED GRATING DETAILS



BARS/FT 8
LOAD BAR 1"
OPEN AREA 60%
Approx Wt 2.6 lbs/ft

1" I-60

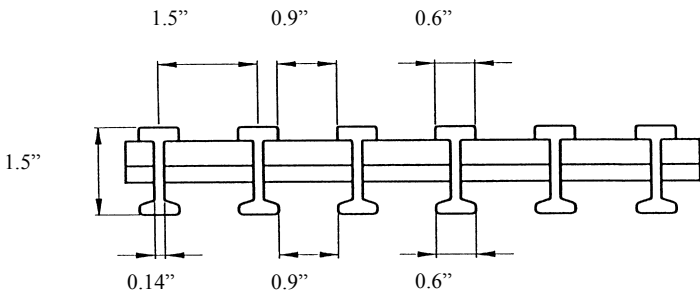
Approx Engineering Properties Per Ft of Width
A=2.6 in² I=0.33 in⁴ S=0.63 in³ Ave EI = 1,700,000 LB-IN²
(L > 24")



BARS/FT 12
LOAD BAR 1"
OPEN AREA 40%
Approx Wt 3.4 lbs/ft

1" I-40

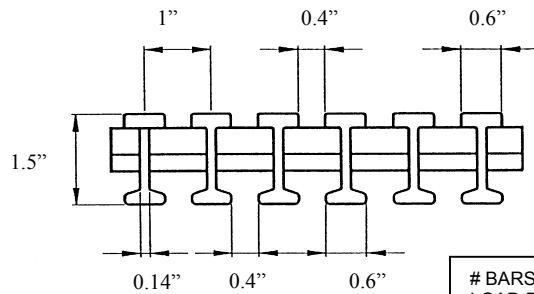
Approx Engineering Properties Per Ft of Width
A=3.96 in² I=0.50 in⁴ S=0.95 in³ Ave EI = 2,500,000 LB-IN²
(L > 24")



BARS/FT 8
LOAD BAR 1 1/2"
OPEN AREA 60%
Approx Wt 2.8 lbs/ft

1 1/2" I-60

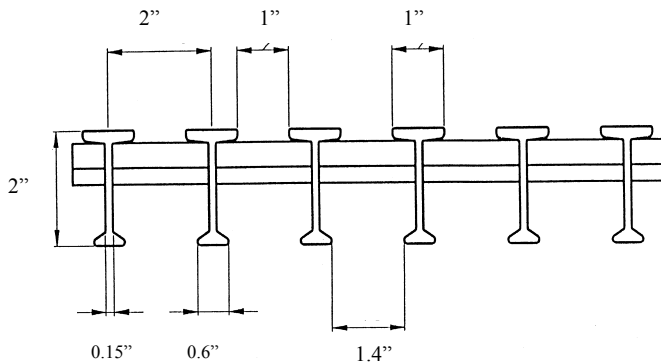
Approx Engineering Properties Per Ft of Width
A=3.20 in² I=0.94 in⁴ S=1.2 in³ Ave EI = 4,600,000 LB-IN²
(L > 24")



BARS/FT 12
LOAD BAR 1 1/2"
OPEN AREA 60%
Approx Wt 4.1 lbs/ft

1 1/2" I-40

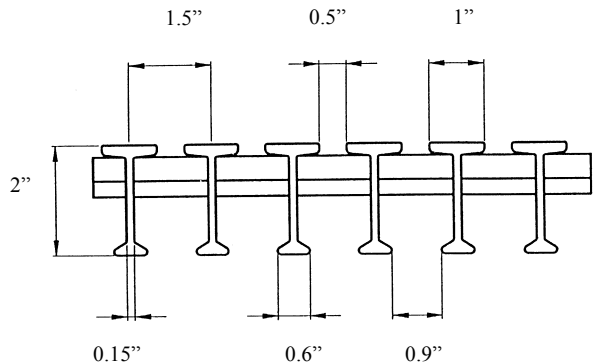
Approx Engineering Properties Per Ft of Width
A=4.80 in² I=1.41 in⁴ S=1.8 in³ Ave EI = 7,000,000 LB-IN²
(L > 24")



BARS/FT 6
LOAD BAR 2"
OPEN AREA 50%
Approx Wt 3.1 lbs/ft

2" T-50

Approx Engineering Properties Per Ft of Width
A=3.20 in² I=1.68 in⁴ S=1.96 in³ Ave EI = 7,600,000 LB-IN²
(L > 24")



BARS/FT 8
LOAD BAR 2"
OPEN AREA 33%
Approx Wt 4.0 lbs/ft

2" T-33

Approx Engineering Properties Per Ft of Width
A=4.28 in² I=2.24 in⁴ S=2.61 in³ Ave EI = 9,200,000 LB-IN²
(L > 24")