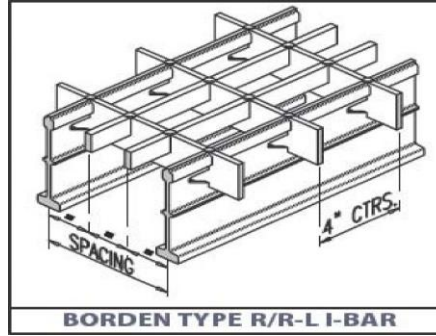




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I-Bar Roadway
Grating

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Grating Type	Weight	Moment of Inertia	Section Modulus	CAN/CSA-S6-00 CL-625								AASHTO HS20-1996			
				(in.)								(in.)			
				(mm.)								(mm.)			
				Bearing Bars Parallel to Traffic				Bearing Bars Pependicular to Traffic							
lbs./sq.ft.	in. ⁴ /ft.	in. ³ /ft.	Strength	Deflection			Strength	Deflection			Strength	Deflection			
kg/sq.m	mm ⁴ /m	mm ³ /m		L/800	L/700	L/600		L/800	L/700	L/600		L/800	L/700	L/600	
5" I-Bar	26.19	16.684	13.986	68.4	64.2	-	-	26.4	-	-	-	78.6	64.3	68.5	73.8
	127.87	2.28E+07	7.52E+05	1737	1631	-	-	671	-	-	-	1996	1633	1740	1875
R/R-L 4-2x4	23.47	12.513	5.994	52.5	-	-	-	20.3	-	-	-	65.4	58.1	61.9	-
	114.59	1.71E+07	3.22E+05	1334	-	-	-	516	-	-	-	1661	1476	1572	-
R/R-L 6-2x4	19.09	8.342	3.996	36.7	-	-	-	16.6	-	-	-	52.2	51.2	-	-
	93.21	1.14E+07	2.15E+05	932	-	-	-	422	-	-	-	1326	1300	-	-
R/R-L 8-2.67x4	15.56	6.257	2.997	28.7	-	-	-	14.4	-	-	-	45.6	-	-	-
	75.97	8.54E+06	1.61E+05	729	-	-	-	366	-	-	-	1158	-	-	-

Revised May 2019