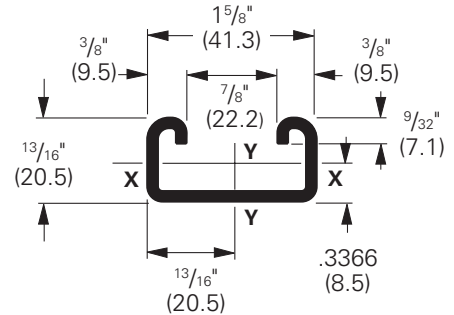
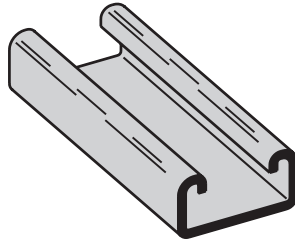


# B52 Channel & combinations

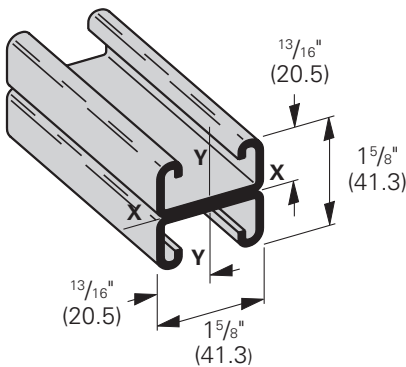
## B52

- Thickness: 12 Gauge (2.6 mm)
- Standard lengths: 10' (3.05 m) & 20' (6.09 m)
- Standard finishes: Plain, DURA GREEN™, Pre-Galvanized, Stainless Steel Type 304 or 316, Hot-Dipped Galvanized
- Weight: 1.27 Lbs./Ft. (1.89 kg/m)

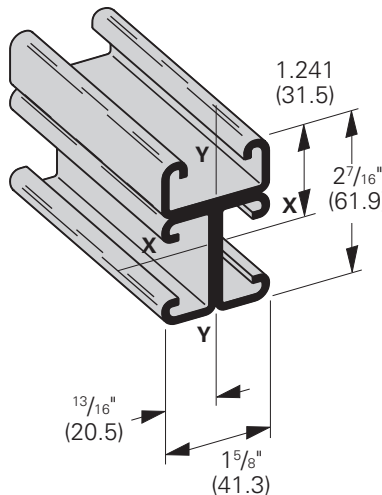


Section Properties			X - X Axis				Y - Y Axis									
Channel	Weight		Areas of Section	Moment of Inertia (I)	Section Modulus (S)	Radius of Gyration (r)	Moment of Inertia (I)		Section Modulus (S)		Radius of Gyration (r)					
	lbs./ft.	kg/m					sq. in.	cm <sup>2</sup>	in. <sup>4</sup>	cm <sup>4</sup>	in. <sup>3</sup>	cm <sup>3</sup>	in.	cm		
<b>B52</b>	1.313	(1.95)	.386	(2.49)	.0320	(1.33)	.0673	(1.10)	.288	(.73)	.1404	(5.84)	.1728	(2.83)	.603	(1.53)
<b>B52A</b>	2.627	(3.91)	.773	(4.99)	.1517	(6.31)	.1868	(3.06)	.443	(1.13)	.2809	(11.69)	.3457	(5.67)	.603	(1.53)

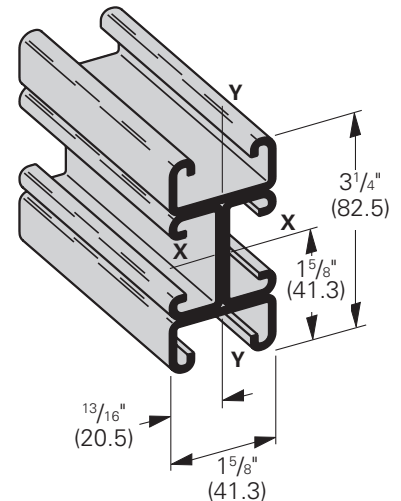
Calculations of section properties are based on metal thicknesses as determined by the AISI Cold-Formed Steel Design Manual.



**B52A**  
Wt. 2.54 Lbs./Ft. (3.78 kg/m)



**B52B3**  
Wt. 3.81 Lbs./Ft. (5.67 kg/m)



**B52B4**  
Wt. 5.08 Lbs./Ft. (7.56 kg/m)

Reference page 48 for general fitting and standard finish specifications.